



**EBACE 2008**, How can we leverage the benefits of synthetic training within EASA's changing rules?

## Update on European Aviation Safety Agency and FSTDs related matters



**Luís Cardoso Ribeiro**  
Flight Crew Licensing Officer  
EASA Rulemaking Directorate  
Flight Standards Department



## Update on European Aviation Safety Agency and FSTDs related matters

---

### Content

- The European Aviation Safety Agency
- EU Regulatory Framework
- EASA Rulemaking Task on FSTDs
- JAR-FSTD to EASA Part FSTD transition



## European Aviation Safety Agency

### Update on European Aviation Safety Agency and FSTDs related matters

---

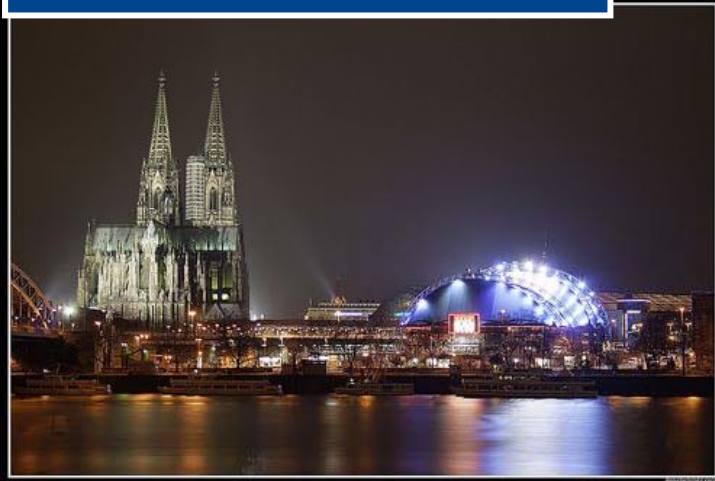
- European Aviation Safety Agency (EASA)
  - ✦ Where are we located ?



## European Aviation Safety Agency

# Update on European Aviation Safety Agency and FSTDs related matters

- The Agency is located in Cologne - Germany
- The Agency already employs some 400 professionals from all EASA Member States.





## European Aviation Safety Agency

### Update on European Aviation Safety Agency and FSTDs related matters

---

- **We are independent and accountable !**
  - ✦ The **European Aviation Safety Agency** became operational in 2003 on the basis of a European Parliament and Council Regulation (1592/2002).
  - ✦ As **an independent EU body** under European law, it is accountable to the Member States and the EU institutions.
  - ✦ A **Management Board** with representatives from the Member States and the European Commission adopts the Agency's budget and work programme.
  - ✦ The **aviation industry** is actively involved in the Agency's work through a number of consultative and advisory committees.
  - ✦ There is also an independent **Board of Appeal**.



## European Aviation Safety Agency

# Update on European Aviation Safety Agency and FSTDs related matters

---

### ➤ Current Tasks - 1

- ★ Rulemaking; drafting safety legislation and providing technical advice to the European Commission and to the Member States;
- ★ Inspections, training and standardisation programmes to ensure uniform implementation of European aviation safety legislation in all Member States;
- ★ Safety and environmental type-certification of aircraft, engines and parts;



## Update on European Aviation Safety Agency and FSTDs related matters

---

### ➤ Current Tasks - 2

- ★ Approval and oversight of aircraft design organisations world-wide as and of production and maintenance organisations outside the EU;
- ★ Data collection, analysis and research to improve aviation safety.
- ★ Manage the European Community SAFA programme on behalf of the European Commission.
- ★ promote European Community views through co-operation with Third Countries and International Organisations.



## European Aviation Safety Agency

### Update on European Aviation Safety Agency and FSTDs related matters

---

#### ➤ Current Tasks – 3

- ★ The Agency's responsibilities has been extended on 8 April 2008 (EC Regulation 216/2008) to further important areas of safety regulation, to include:
  - ➔ Rules and procedures for civil aviation operations;
  - ➔ Licensing of crews in the Member States;
  - ➔ Certification of non-Member State airlines.
- ★ The Agency is currently preparing NPAs containing Implementing Rules and Acceptable Means of Compliance in those areas.



European Aviation Safety Agency

## Update on European Aviation Safety Agency and FSTDs related matters

---

### ➤ Future Tasks – 1

- ✦ In the long-term, it is also likely to play a key role in the safety regulation of airports and air traffic management systems.



**European Aviation Safety Agency**

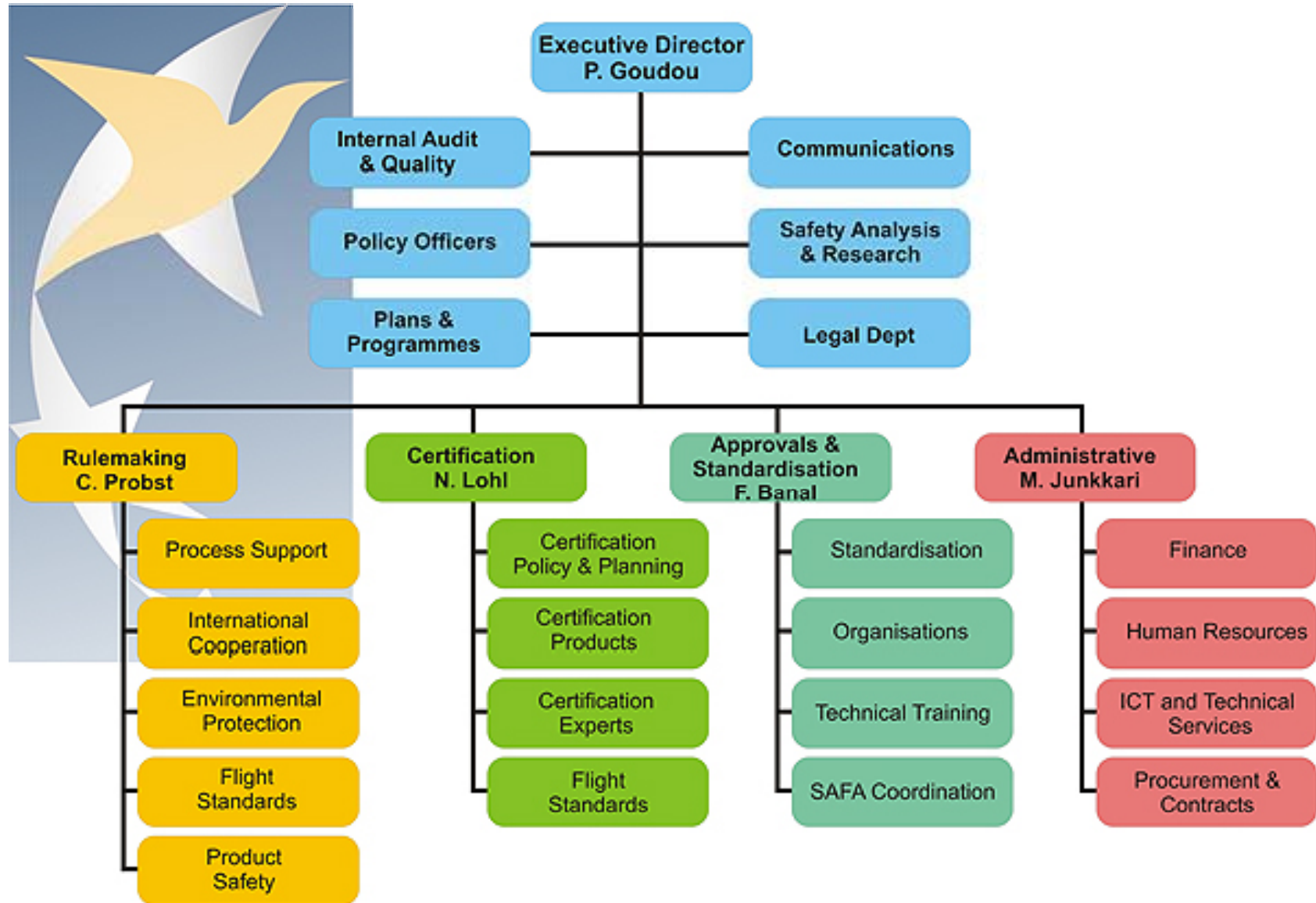
**Update on European Aviation Safety Agency and  
FSTDs related matters**

---

## **➤ The Agency Structure**

# EUROPEAN AVIATION SAFETY AGENCY

## AGENCY STRUCTURE





## European Aviation Safety Agency

### Update on European Aviation Safety Agency and FSTDs related matters

---

- EU Regulatory Framework - 1
  - ➔ Present regulations structure



## Update on European Aviation Safety Agency and FSTDs related matters

---

### The principles

- **DECENTRALISATION IS THE RULE...**
- The EC Treaty is based on the principle that the Community **acts as a legislator**, while **Member States apply** Community law under Community control.
- Community law is directly applicable (full part of Member States legal order).
- Legal remedies for individuals and enforcement means are provided by Member States judicial systems.



## Update on European Aviation Safety Agency and FSTDs related matters

---

### The principles

#### ➤ ... CENTRALISATION THE EXCEPTION

- The EC Treaty provides however for the **delegation of executive powers** to the **Commission** (hard law) or an **executive agency** (soft law)

In such cases:

- Delegated powers shall be strictly defined to allow judicial control of executive acts
- Judicial remedies available to individuals and enforcement means shall be specified when delegated powers allow individual decisions



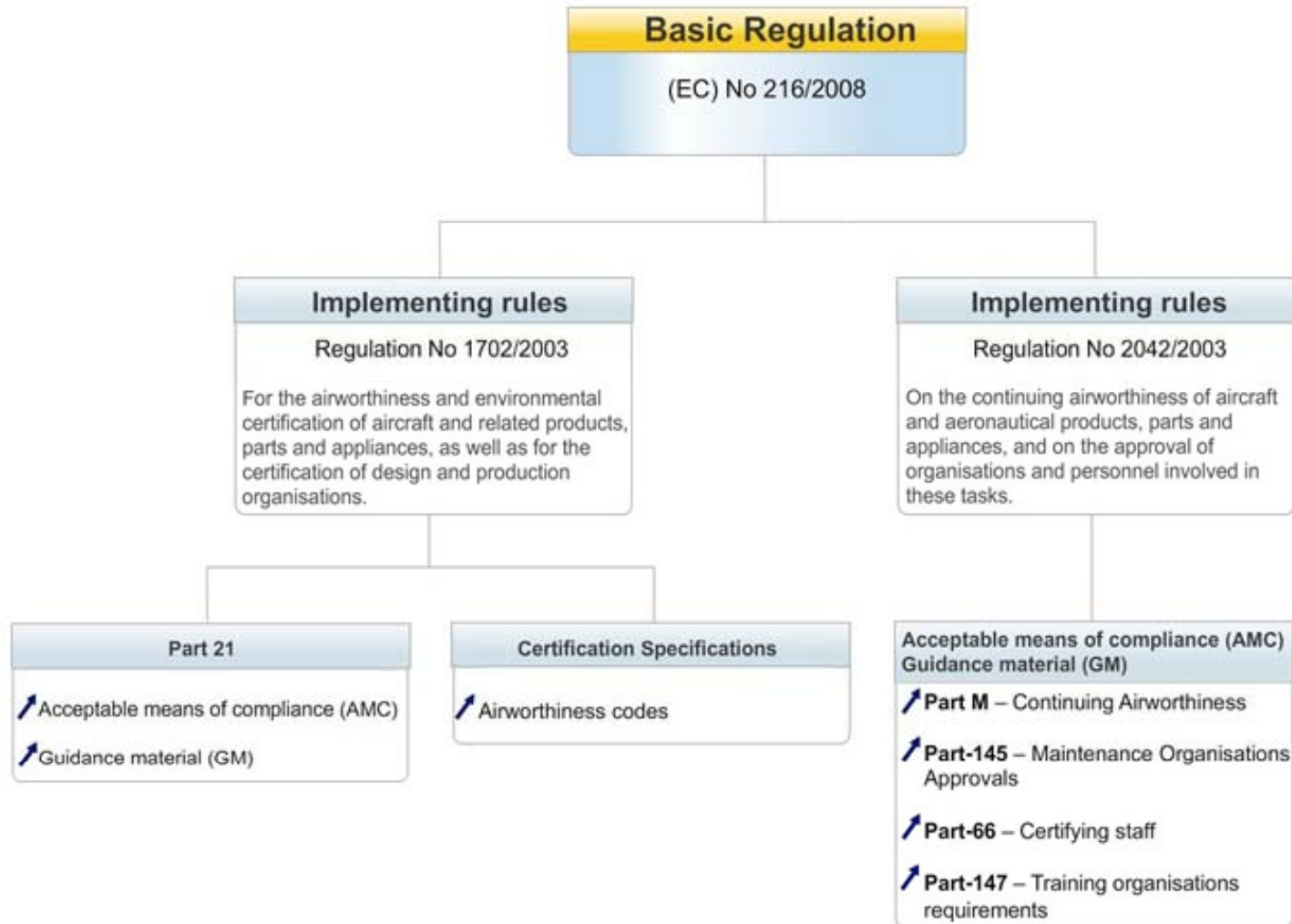
## Update on European Aviation Safety Agency and FSTDs related matters

---

### The principles

- The **Parliament** and the **Council** define the **Scope of Powers** transferred from the Member States to the Community
- They adopt the **Essential Requirements** specifying the objectives to be met
- The **Commission** adopts **standards** for implementing the essential requirements
- The **Agency** adopts **non binding standards** for implementing the essential requirements

# EASA Regulatory Framework





## European Aviation Safety Agency

### Update on European Aviation Safety Agency and FSTDs related matters

---

#### ➤ EU Regulatory Framework - 2

##### ➔ Agency Opinion

##### ➔ **containing Essential Requirements**

» Further process with the European Commission, European Council and European Parliament – Co-decision Procedure

##### ➔ Agency Opinion

##### ➔ **containing Implementing Rules**

» Further process with the European Commission



## European Aviation Safety Agency

### Update on European Aviation Safety Agency and FSTDs related matters

---

- EU Regulatory Framework - 3

  - ➔ Agency Decision

    - ➔ **containing AMC/GM related to the Implementing Rules and Certification Specifications**

      - » Further processed within the Agency

      - » And issued by the EASA Executive Director



## European Aviation Safety Agency

### Update on European Aviation Safety Agency and FSTDs related matters

---

- EASA Rulemaking Task on FSTDs
  - ★ FCL 001 Rulemaking Task
    - JAR-FCL
    - JAR-FSTD
  
  - ★ Task started:
    - September 2006
  
  - ★ EASA NPA out for consultation:
    - August 2008



## European Aviation Safety Agency

### Update on European Aviation Safety Agency and FSTDs related matters

---

- JAR-FSTD to EASA Part FSTD transition - 1
  - ★ **Source:**
    - ➔ **JAR-FSTD(A) and (H)**
      - ➔ Section 1 – Requirements
      - ➔ Section 2 – AMC and Guidance Material
    - ➔ **JAA Joint Implementation Procedures for FSTDs**
    - ➔ **JAA Temporary Guidance Leaflets (TGLs) for FSTDs**



## **Update on European Aviation Safety Agency and FSTDs related matters**

---

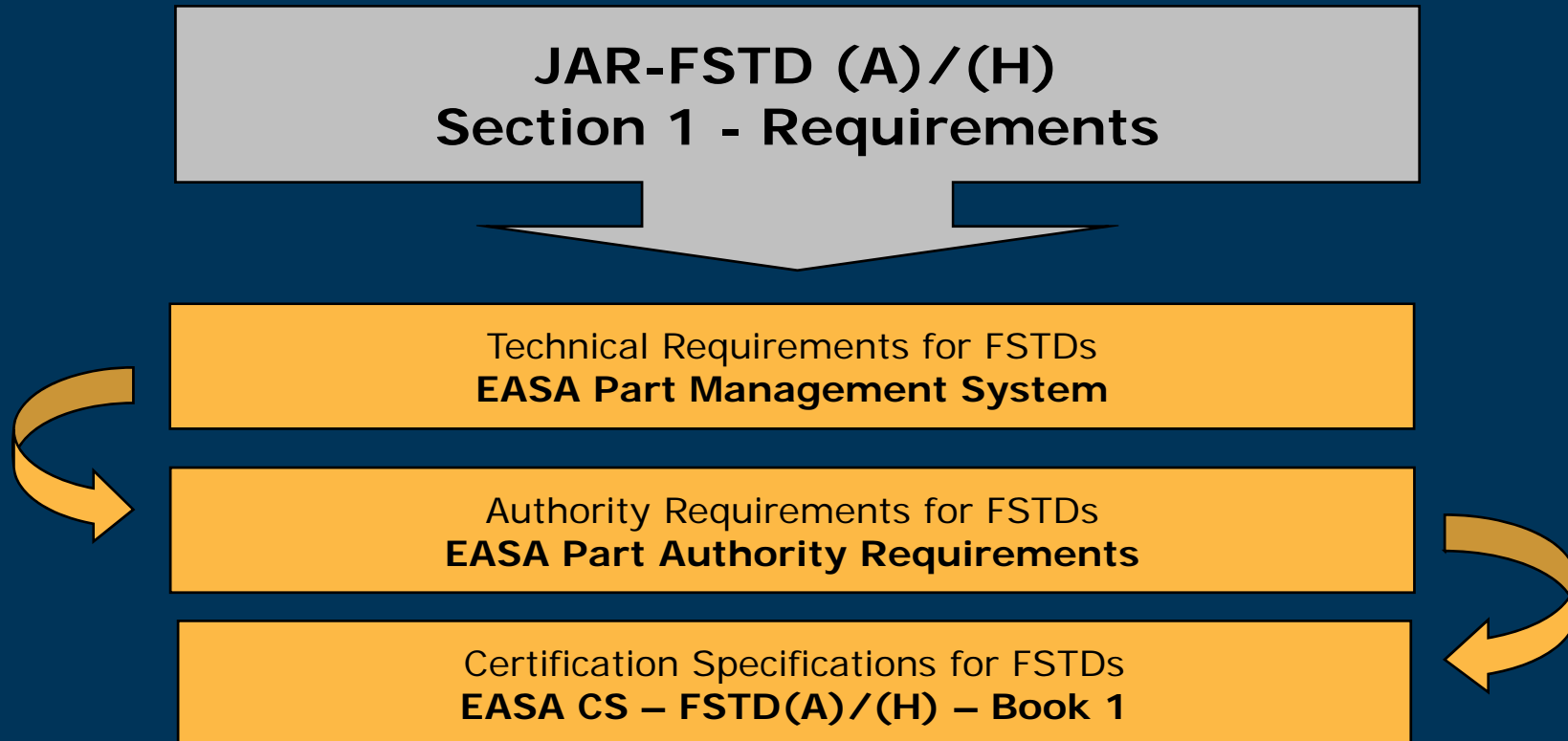
- **JAR-FSTD to EASA Part FSTD transition - 2**
  - ★ **Result:**
    - **EASA Part Management System**
      - Technical requirements for FSTDs
    - **EASA Part Authority Requirements**
      - Authority requirements for FSTDs
    - **EASA Certification Specifications – FSTD (A)/(H)**



## Update on European Aviation Safety Agency and FSTDs related matters

---

### ➤ JAR-FSTD to EASA Part FSTD transition - 3





## Update on European Aviation Safety Agency and FSTDs related matters

---

### ➤ JAR-FSTD to EASA Part FSTD transition - 4

**JAR-FSTD (A)/(H)  
Section 2 – AMCs and Guidance Material**

AMCs and GM to Technical Requirements for FSTDs  
**EASA Part Management System – AMCs and GM**

AMCs and GM to Authority Requirements for FSTDs  
**EASA Part Authority Requirements – AMCs and GM**

Certification Specifications for FSTDs  
**EASA CS – FSTD(A)/(H) – Book 2**



## **Update on European Aviation Safety Agency and FSTDs related matters**

---

- **JAR-FSTD to EASA Part FSTD transition - 5**

**JAA Joint Implementation Procedures  
for FSTDs**

**AMCs and GM to Authority Requirements for FSTDs  
EASA Part Authority Requirements – AMCs and GM**



## Update on European Aviation Safety Agency and FSTDs related matters

---

### ➤ JAR-FSTD to EASA Part FSTD transition - 6

**JAA Temporary guidance Leaflets  
for FSTDs**

AMCs and GM to Technical Requirements for FSTDs  
**EASA Part Management System – AMCs and GM**

Certification Specifications for FSTDs  
**EASA CS – FSTD(A)/(H) – Book 2**



## European Aviation Safety Agency

### Update on European Aviation Safety Agency and FSTDs related matters

---

- JAR-FSTD to EASA Part FSTD transition - 7
  - ✦ EASA will have competence for FCL, OPS and FSTD by 19 March 2008.
  - ✦ By August 2008 : NPA on Management System and Authority Requirements, including FSTD IRs out for consultation
  - ✦ By End 2009 : EASA FSTD requirements will be in place.
  - ✦ Competent authority for FSTD qualifications:
    - ➔ FSTD located within EASA member states.
      - ➔ *NAA of the state of location.*
    - ➔ FSTD located in third countries.
      - ➔ *The Agency - EASA*



**European Aviation Safety Agency**

## **Update on European Aviation Safety Agency and FSTDs related matters**

---

**★ This was the update....**

- Contact details:

**Luís Cardoso Ribeiro**  
EASA

Email: [luis.ribeiro@easa.europa.eu](mailto:luis.ribeiro@easa.europa.eu)