



# **DOA concept**

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**Design Organisation Manager**



# **DOA Concept**

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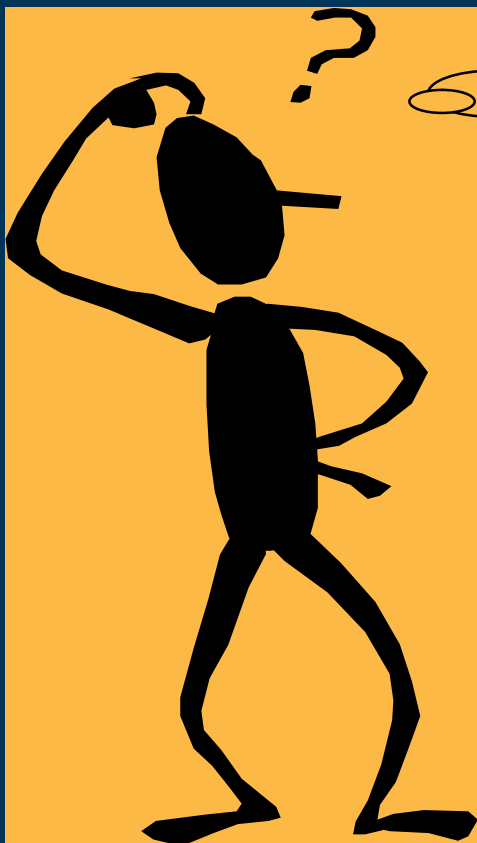
- **The concept**
- **Where are we today**
- **The future**



# 1 - The concept

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Why DOA ?





# 1 - The concept

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- to establish a “**qualified framework**” for the various activities related to the compliance demonstration with applicable requirements
- to set the basis to enable the Authorities **to accept statements**, from DOA organisations, that the regulations have been complied with.



# 1 - The concept

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## Qualified framework(1)

**Organisation,**

- **with the necessary management,**
- **allocation of responsibilities,**
- **procedures**
- **and resources**

**necessary for the accomplishment of  
the activities defined in the scope of  
DOA**



# 1 - The concept

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## Qualified framework(2)

**AND...**

- **A system that monitors the performance of the organisation and ensures that the need for effective corrective action is identified and carried out.**



# 1 - The concept

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## Use of this qualified framework

- **Move from individual certification task review to design assurance system review, with a certain level of sampling of individual certification task**



# 1 - The concept

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## Therefore:

- DOA "*set the scene*" for product certification related activities, including :
  - ✧ **Type and Supplemental Type certification**
  - ✧ **Design approval of changes and repairs**
  - ✧ **Continued Airworthiness activities**





# 1 - The concept

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**Confidence that the design of a product complies with the applicable requirements is based on :**



**" certification of organisation "**

***AND***



**"certification of the design of products"**



# 1 - The concept

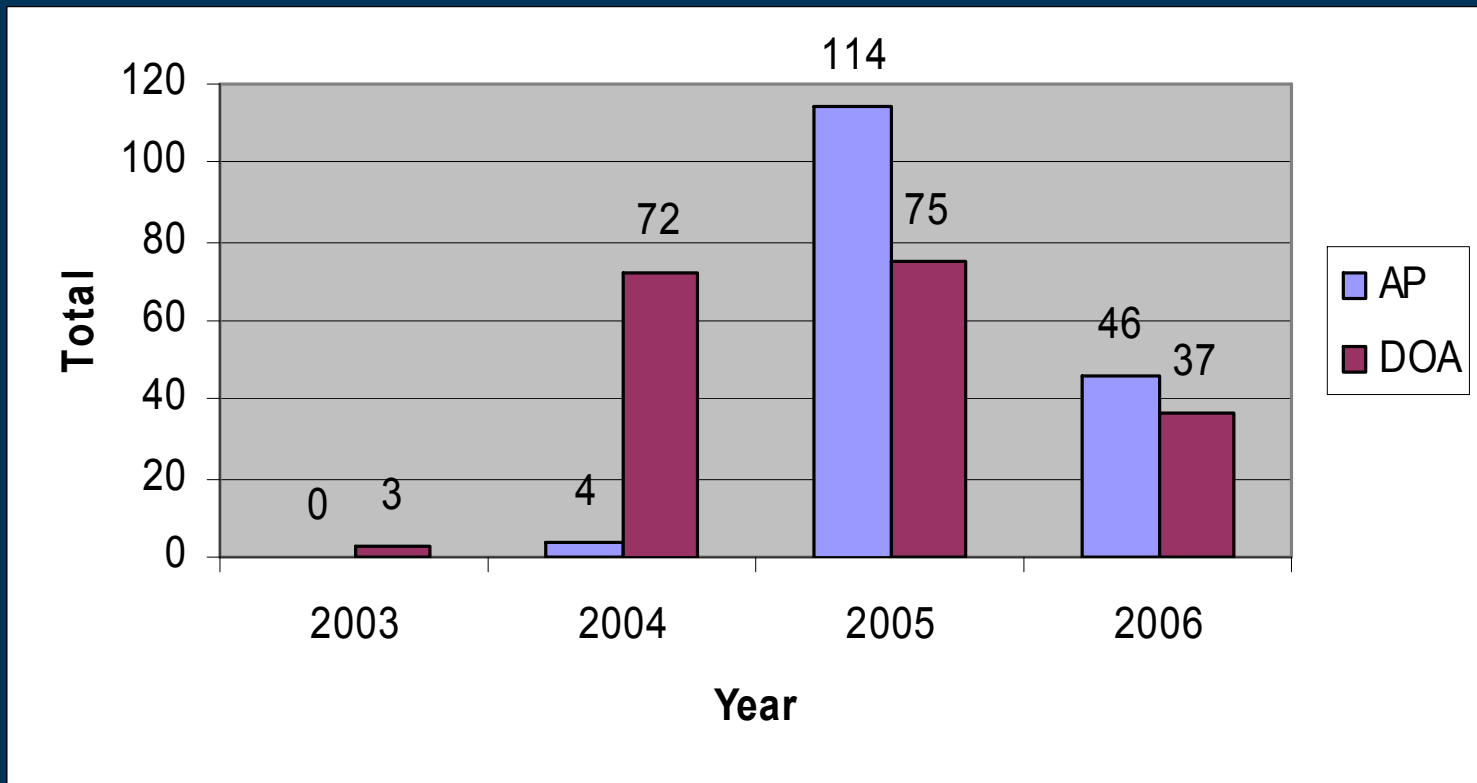
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**In addition, DOA is *a tool* for the *Authorities and Industry* to use so that it can deploy its resources in the *most effective and economic* manner.**



## 2 – Where are we today?

### Overview EASA AP and DOA 2003-2006

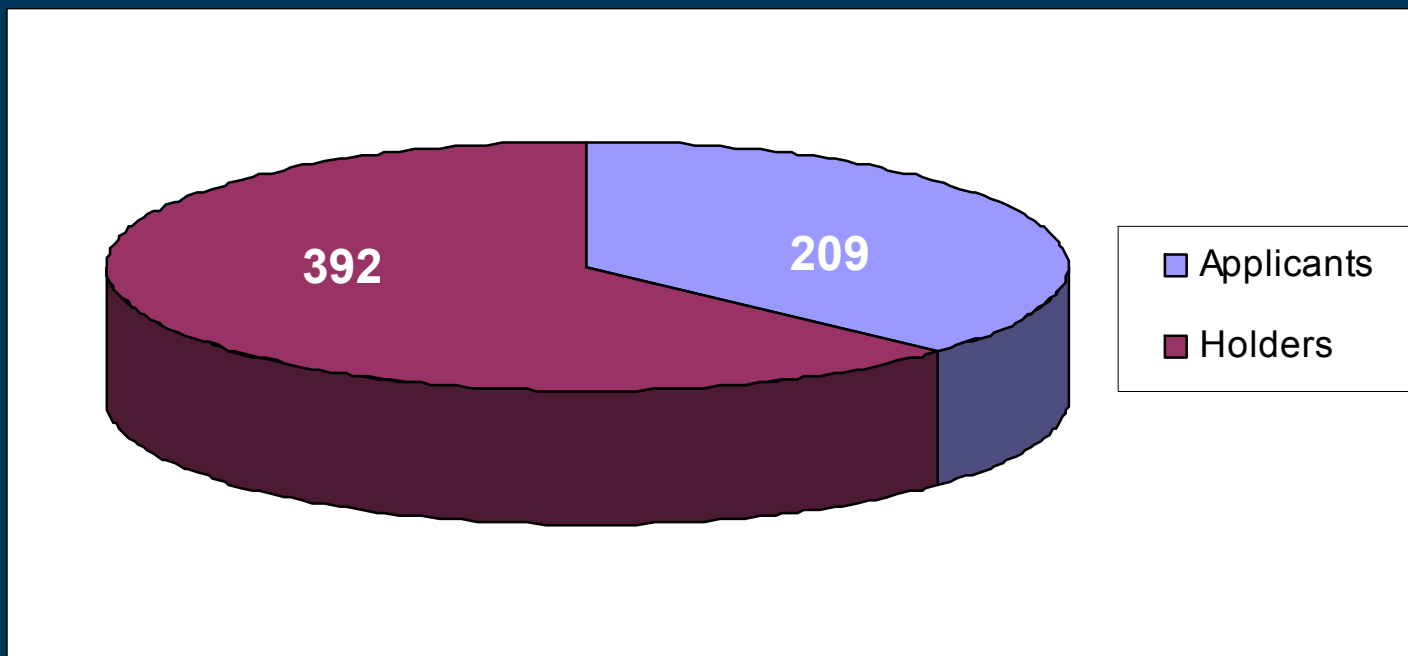




## 2 – Where are we today?

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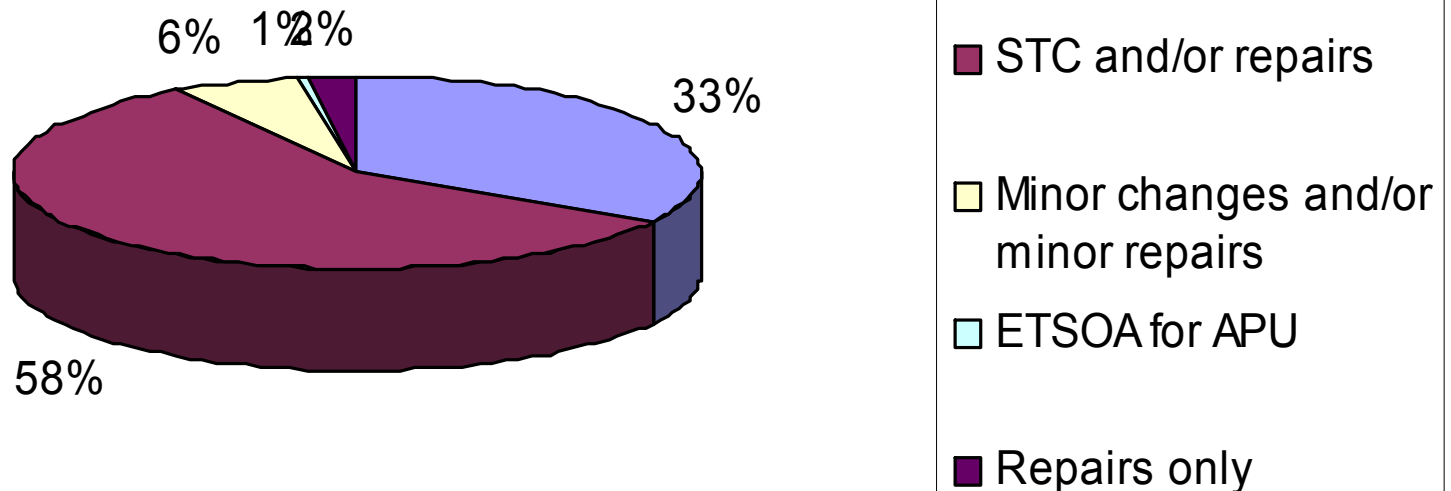
### Distribution of applicants/holders





## 2 – Where are we today?

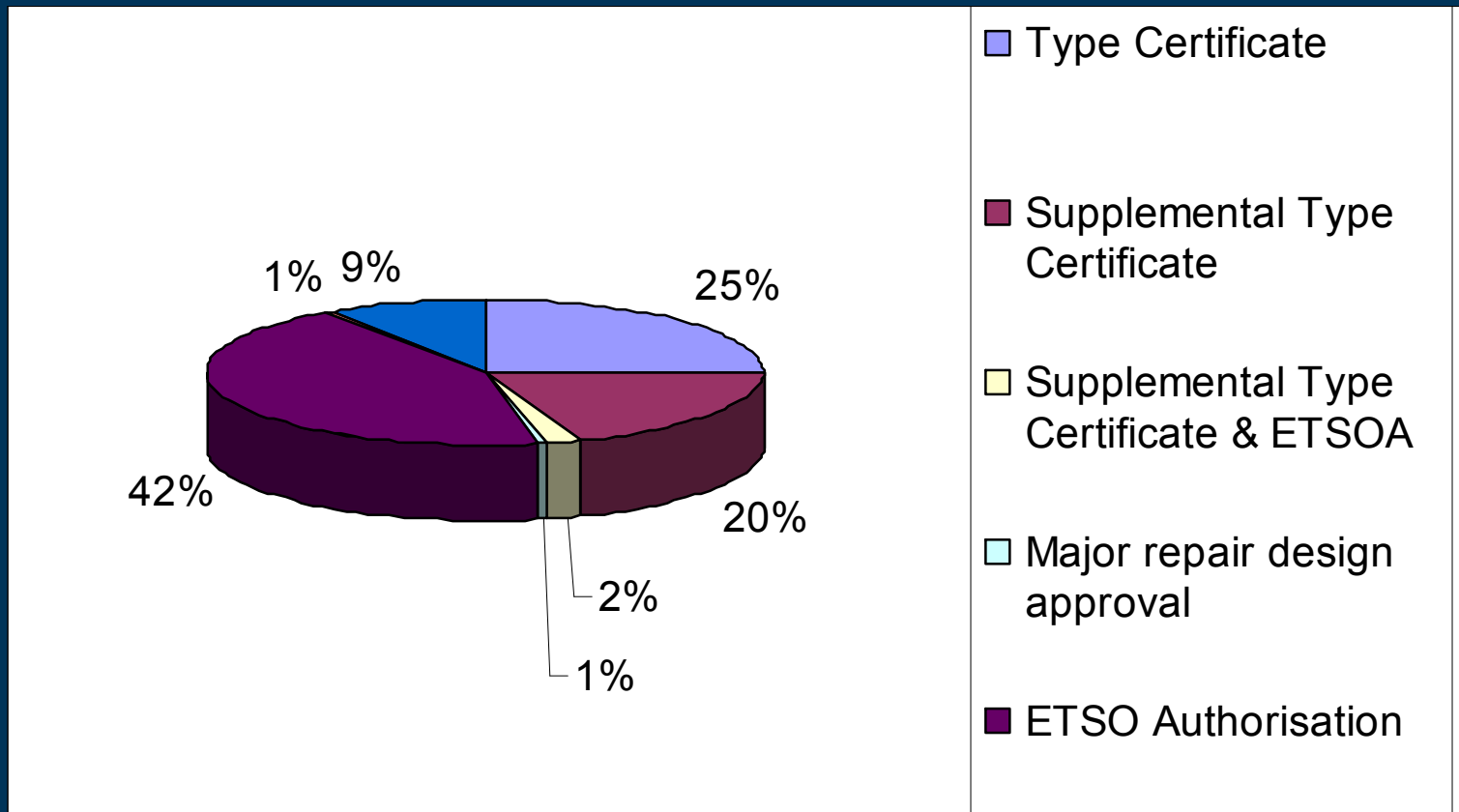
### Distribution of DOA issued





## 2 – Where are we today?

### Distribution of AP to DOA issued

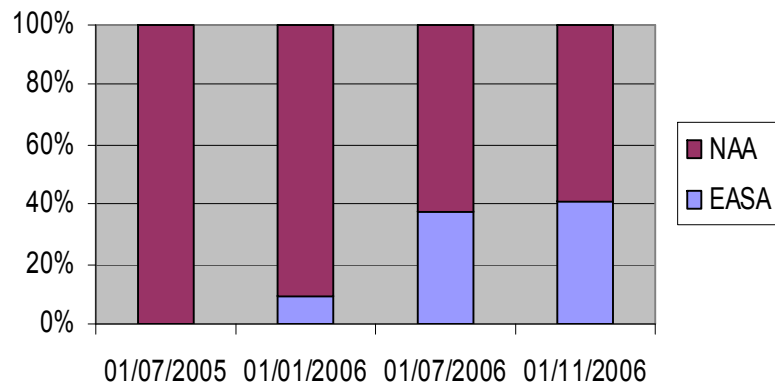




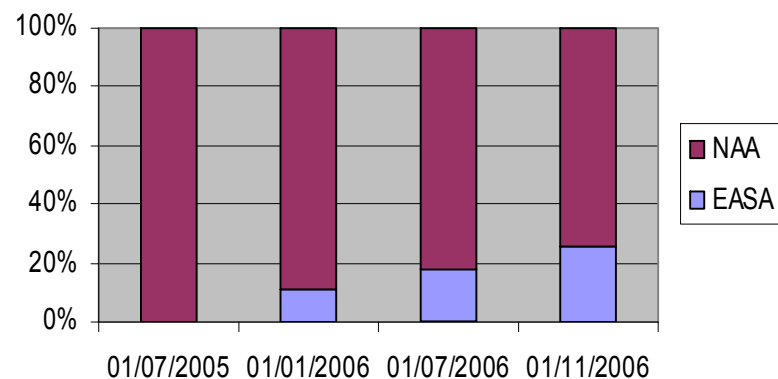
## 2 – Where are we today?

### Evolution of internalisation

Distribution of applications



Distribution of approvals





## 3 - The future

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### ➤ **New NPAs**

- ★ **Extension of privilege for permit to fly**
- ★ **Improvement of Part 21 to improve the privilege related to acceptance of compliance documents**

### ➤ **The future of DOA**

- ★ **Workshop on 7/11/2006**
- ★ **Outputs**