



EASA
European Aviation Safety Agency

Certification Review Items: best practices

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Issue 1

STC WORKSHOP
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Your safety is our mission.

An agency of the European Union 

TE.GEN.00409-001



CRI: best practices

- CRI definition
- CRI process
- CRI and CAI
- CRI faster and better



CRI: definition

Goal: Formal records for project significant issues

Stakeholders: Project Certification Manager,
EASA experts, Applicant staff,
other Aviation Authority





➤ NEED FOR CRI

- Administrative issue
- Certification basis changes from TCDS
- Non-standard Interpretative Material
- Non-standard Means of Compliance
- Controversial issue
- EASA decision





➤ NEED FOR CRI

Identified through

- Existing publications from other Authorities
- Applicant presentations/requests
- Similar projects experience
- Existing EASA publications





➤ CATEGORIES

- Special Conditions
- Equivalent Safety Findings
- Deviation
- Reversion
- Elect to Comply

**certification
basis**

- Admin / Cert basis definition
- IM / MoC / AMC




➤ CRI CONTENTS: INITIAL ELEMENTS

- Document configuration management
- Involved panels of experts
- EASA statement of issue
- Related requirements
- EASA position
- CRI category





➤ CRI CONTENTS: INITIAL ELEMENTS

 ¶ European ¶ Aviation ¶ Safety ¶ Agency ¶ ¶	Certification Review Item ¶	·CRI·X-10X ¶
	Boeing ·B7xx-x ¶ PROJECT ·TITLE ¶ STC ·Project ·Ref. ·00100xxxxx ¶ ¶ ¶ CRI ·TOPIC ·TITLE ¶ ¶ ¶	Issue: ·1· ¶ Date: ·17.01.2017 ¶ ¶ Page: ·1 of 3· ¶ ¶ Status: ·open ¶ ¶

¶

REQUIREMENTS: → ¶

¶

ADVISORY MATERIAL: → ¶

¶

PRIMARY PANEL: → ¶

SECONDARY PANELS: → ¶

→

CATEGORY: → CATEGORY ¶

¶

Statement of Issue: → 1 ¶

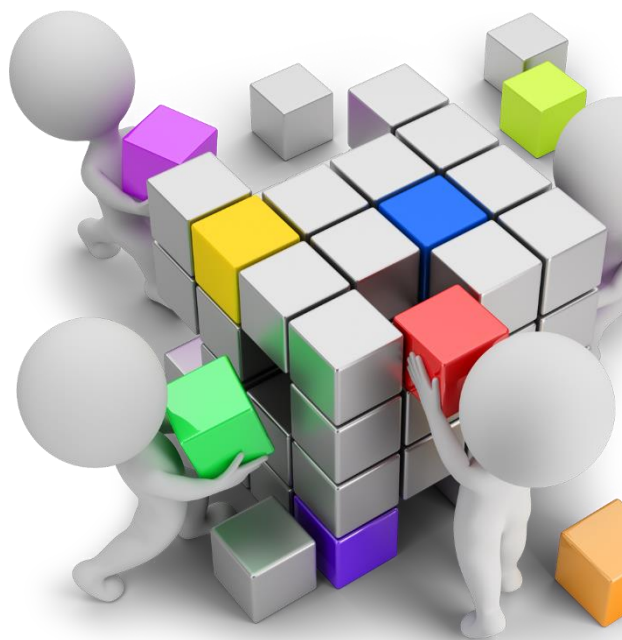
EASA Position dated XX/XX/201X: → 1 ¶





➤ CRI CONTENTS: DEVELOPMENT

- EASA PCM leads the process
- All stakeholders participate



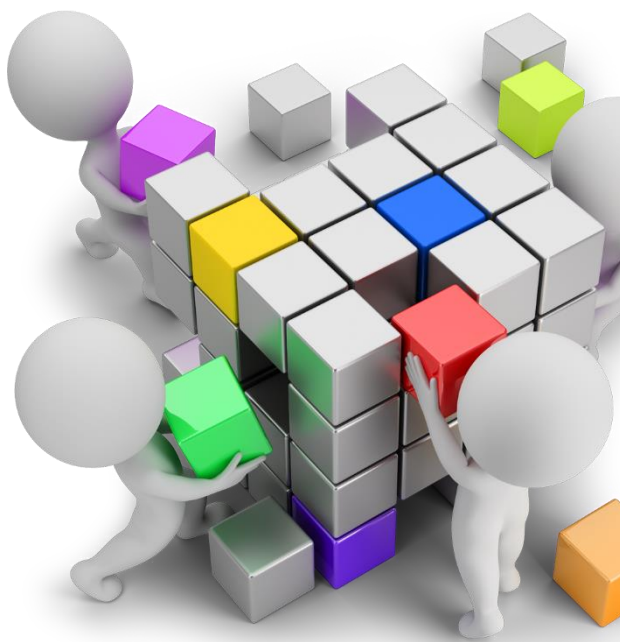
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- CRI CONTENTS: PUBLIC CONSULTATION?
 - At least 3 weeks for comments
 - For important changes to the certification basis



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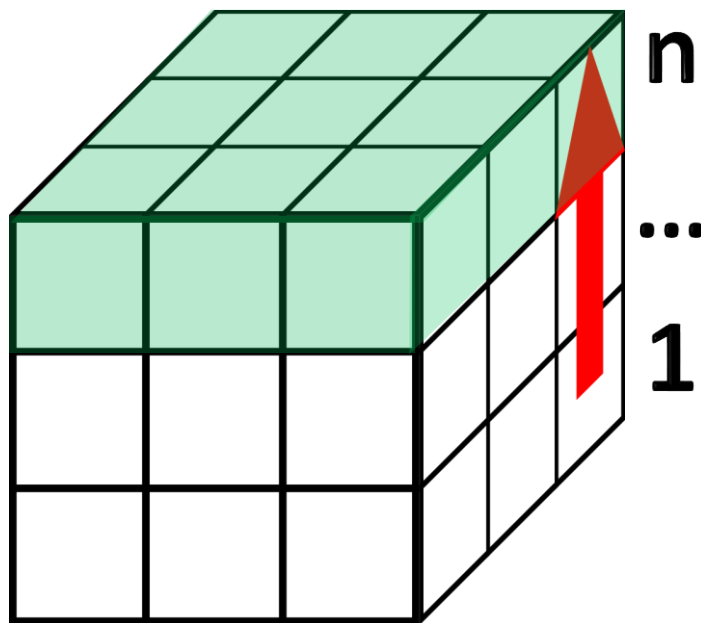


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➤ CRI AGREEMENT

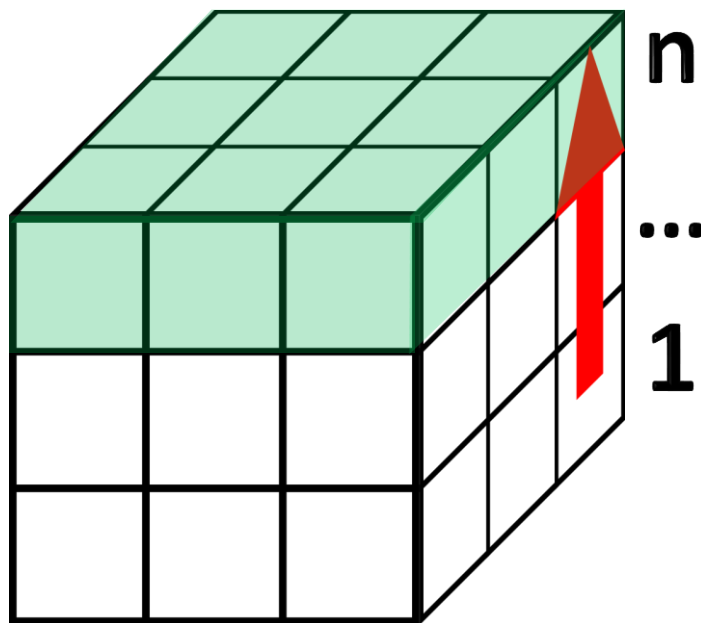
- Iterative process
- Last position is valid
- PCM closes the process





➤ CRI ENDORSEMENT

- By Section manager / Senior expert
- If TC / Significant change
- If Public Consultation





CRI: Certification Action Item?

➤ NEED FOR CAI

- For detailed discussions in the frame of a CRI
- For tracking of specific actions
- For involvement notification
- For post-approval actions
- For information request





CRI: Certification Action Item?

➤ CATEGORIES

- Familiarisation
- Retained involvement

➤ PROCESS

- Same as CRI process





CRI: faster and better

➤ IF AGREED / POSSIBLE

- Applicant CRI proposal in certification programme
- Help prioritisation of CRI, if many open
- Expert to expert communication
- Drafting work by experts
- Concise positions





CRI: faster and better

➤ IF AGREED / POSSIBLE

- CRI closure before compliance demonstration
- Short lead time until « workable » position
- Explicit concurrence with EASA
- «For info» data labelled as such





CRI: faster and better

➤ PLEASE CHECK THE EASA WEBSITE



➤ Public TC-Holder CRI - *TCDS Explanatory Notes*

Type Certificates (TCDS)				
Publication date	Issue	Code	Model	TCDS
27/03/2017	12	EASA.IM.A.120	Boeing 737	

➤ Generic List of Validation Items

Subject	Description
Project Management	
New Type Certificate, Significant Product Level Change or Inadequate Certification Basis	It is generally needed an A-01 CRI to establish the certification basis for significant product level changes or inadequate certification basis for significant product level changes and how to assess and proceed
ETOPS	FAR 25.1 has no equivalent in CS25. A CRI might be required to demonstrate compliance with FAR 25.1403 and Appendix K



BETTER



CRI: faster and better

➤ PLEASE CHECK THE EASA WEBSITE



➤ Publication of CS2x amendments integrating CRI topics

➤ Next: NPA 2015-19 for CS25 « Executive interior accommodation» topics



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