



# The Art of Managing Configuration Change

CAG CM Forum Malmö

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Åsa Nordling Larsson

Saab Aeronautics

2024-09-12



# A glimpse from Global Eye development

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# Prerequisites for Managing Configuration Change

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# Design Organisation Approval

Ref. Ares(2023)4197630 - 16/08/2023

- Approved Design Organisation (DOA)
  - Responsible for continued airworthiness for the product (aircraft) and Type certificate Holder
- As DOA we have an obligation to fulfil the requirements from authority and in operational phase we need to secure that there are no "Unsafe conditions"
- The approval of Design Organisation and the audits of the Design Organisation is performed from "State of Design". EASA, Transportstyrelsen or FlygInspektionen
- All work and all changes must be done in accordance with our approved Handbook (Design Organisation Exposition) and the requirements in the certification database.



Robert BOERSMA  
Senior DOA Team Leader  
Certification Directorate

Ref. Ares(2023) \_\_\_\_\_  
RBO/CTO/CT.3  
Cologne, .06.2023

Saab AB  
Mr Mats MELIN - Head of Airworthiness  
SE-58188 Linköping  
Sweden

**Subject:** EASA.21J.066 - Design Organisation Approval – Update of the Terms of Approval  
**Reference:** EASA Form B2 dated 29/09/2022  
**Attachment:** 1. Terms of Approval, Issue 8 dated 12/06/2023 (original)

Dear Mr Melin,

On behalf of the European Union Aviation Safety Agency, I am pleased to enclose herewith the updated Terms of Approval, concerning the EASA Approval Certificate certifying Saab AB as a Design Organisation, following positive evaluation by EASA.

Henceforth the approved design organisation shall be entitled to perform design activities under applicable European regulations and within the scope of the Terms of Approval herein enclosed.

The Terms of Approval are re-issued following Integration of EASA.21J.108 Saab AB, Nyköping into EASA.21J.066 Saab AB and extension of scope.

You are requested to destroy the former Terms of Approval, Issue 7 (dated 01/07/2021).

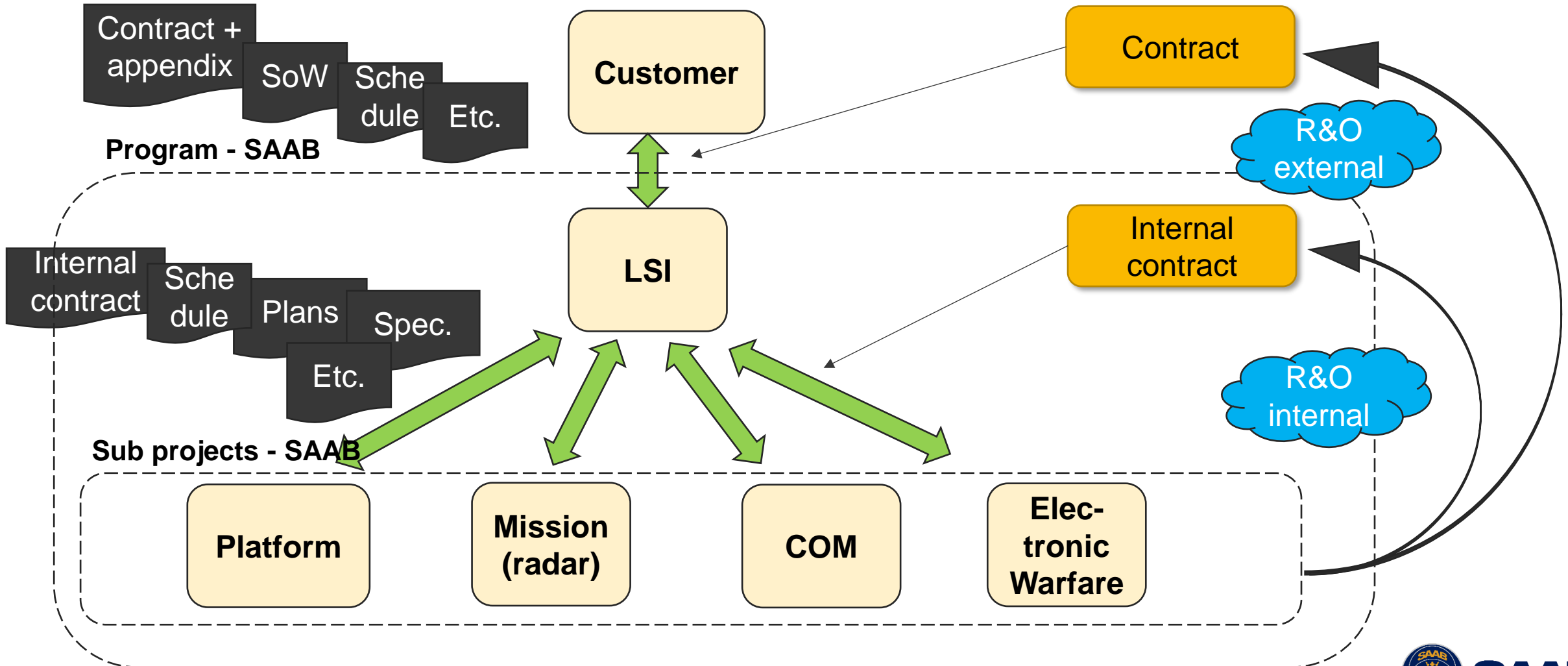
Information about this EASA approval can be found on EASA webpage:  
<http://easa.europa.eu/easa-and-you/aviation-domain/aircraft-products?page=design-organisations>

Yours sincerely,

Christina TOLIS  
DOA Administrative Assistant

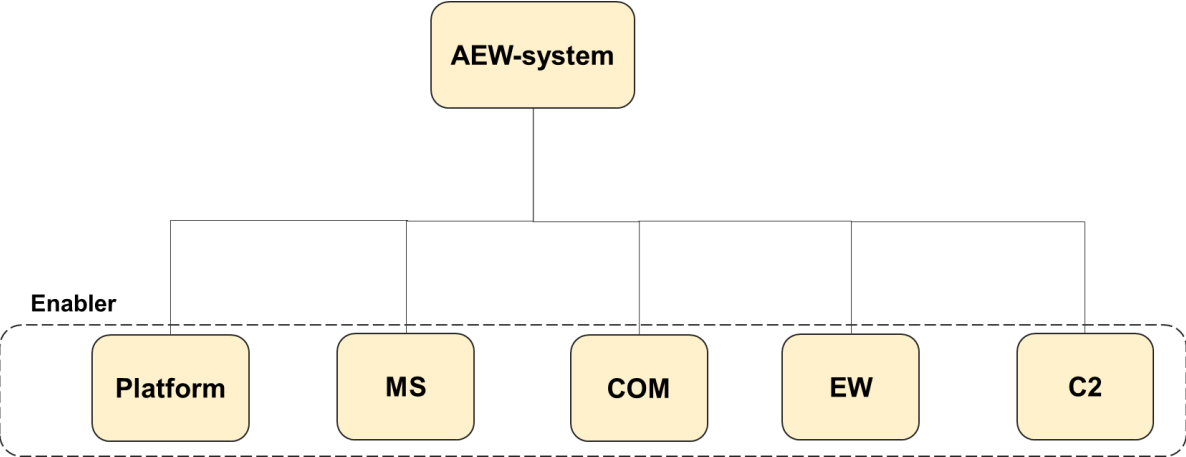
# A contract perspectiv – LSI-model

LSI- Lead system integrator

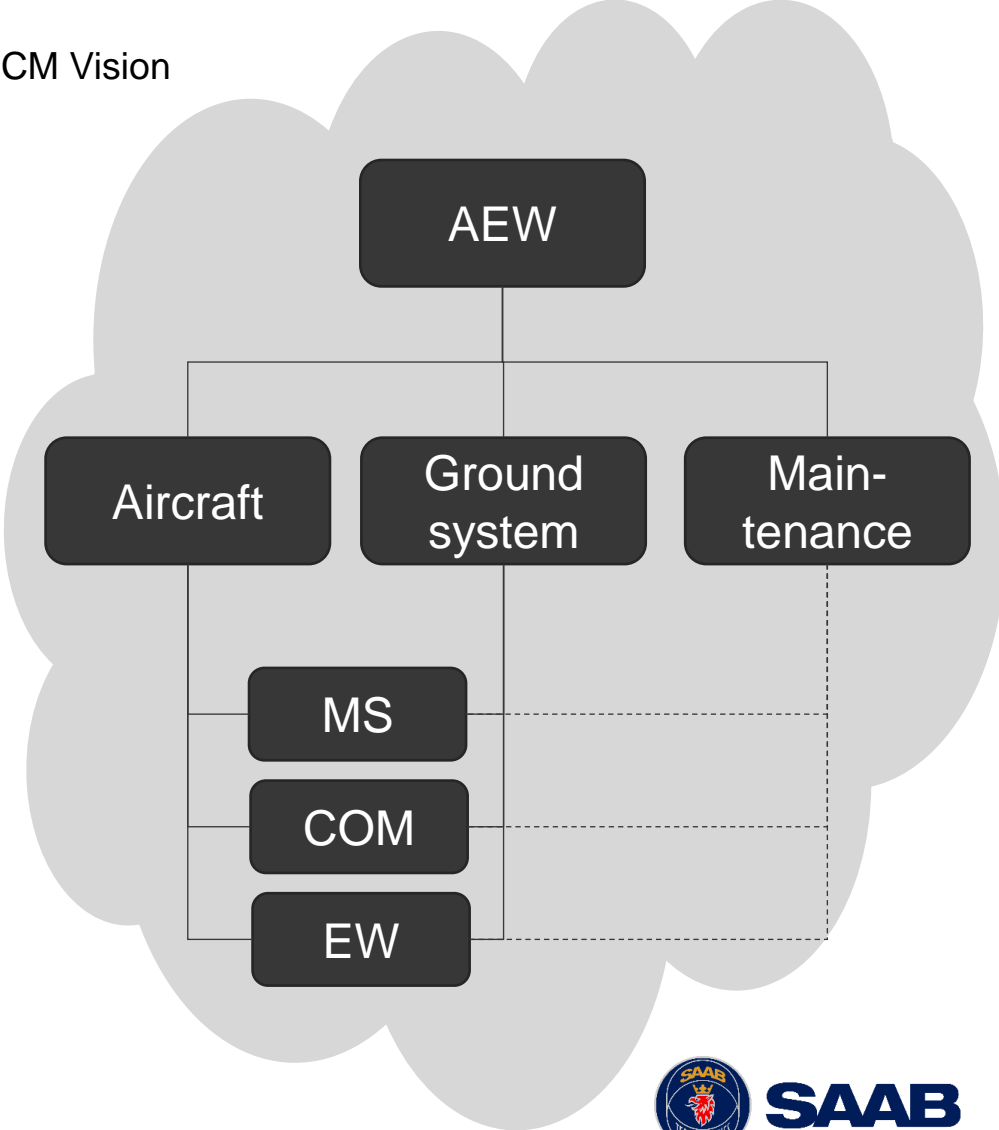


# A system of system perspectiv

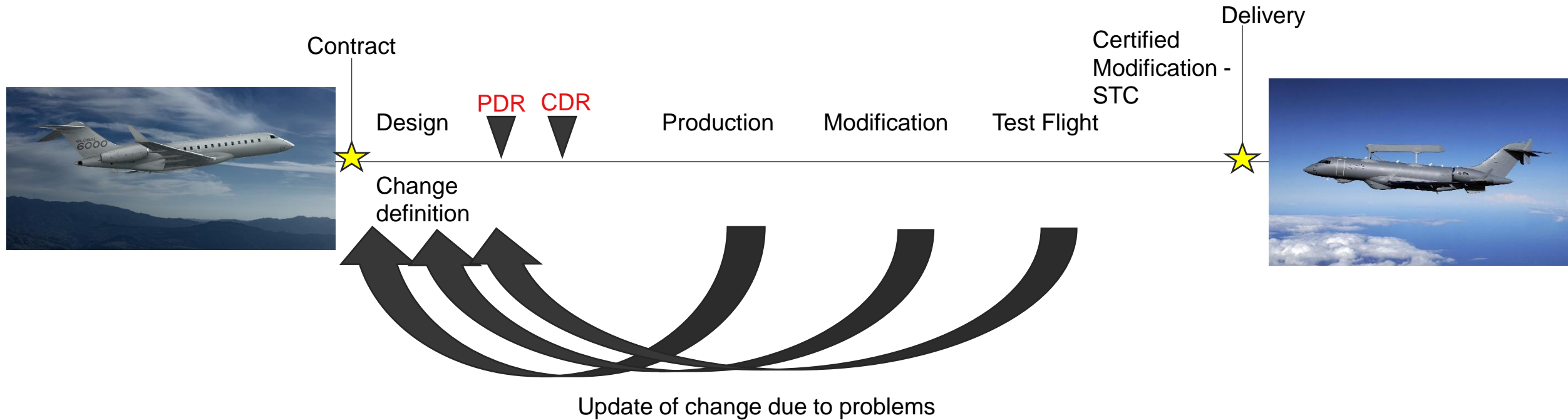
As communicated



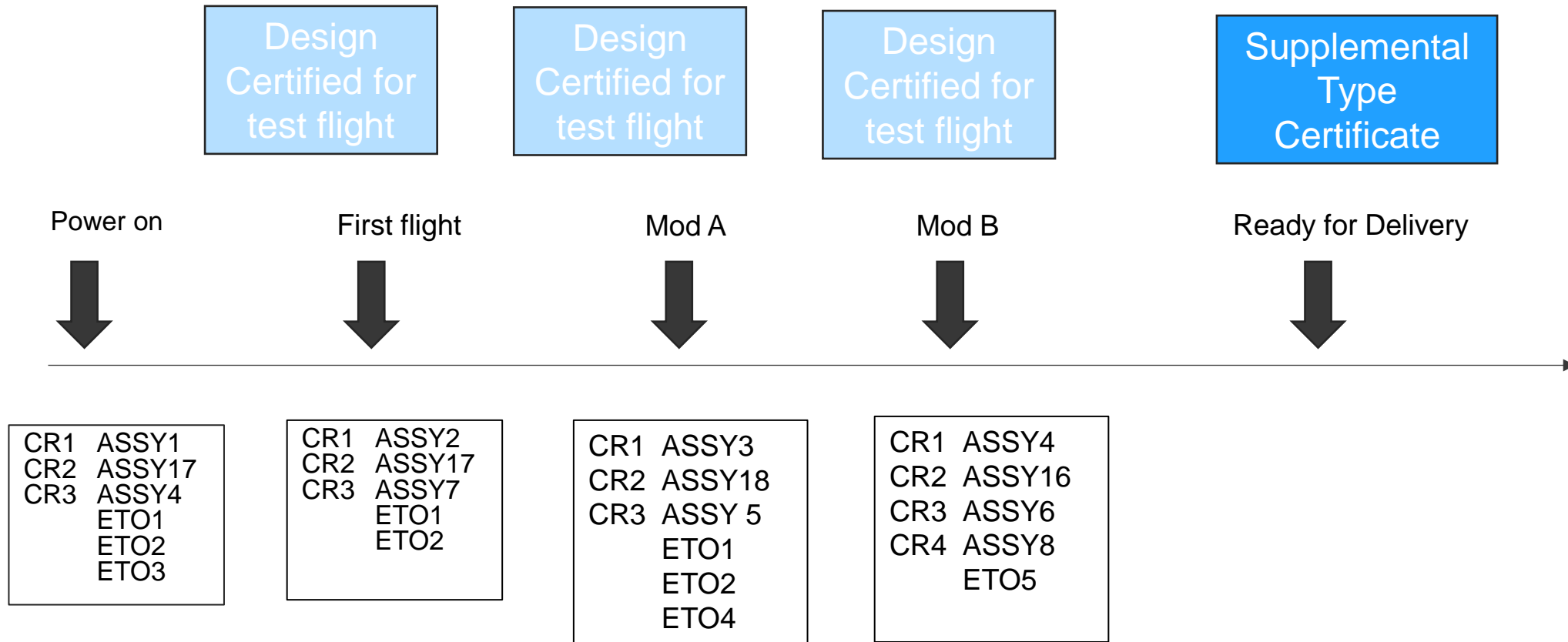
CM Vision



# From G6000 to S6000AEW



# During production phase – design perspectiv

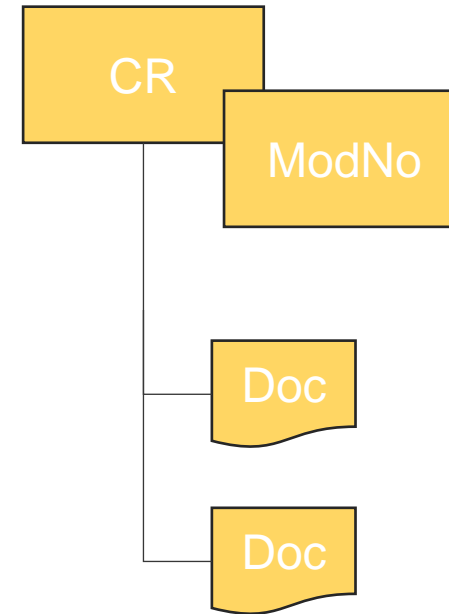




# Change Request

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- Change Requests are created in the beginning of the project
- CR Board every week
  - CM - secretary
  - CE – chairman
  - Airworthiness approval
- Documents are appointed as items to change
- Documents are planned for modifications in hangar
- Loose connection to other system for release status on documents



# Communication...

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- When to meet about what?
- Who has the right to make a decision?
- What information do we need to make a decision?
- What information shall be handled between the different sub-projects and LSI?
  - And how?
  - And where?
  - And why?

