



REGULATORY FRAMEWORK FOR AIRWORTHINESS OF GERMAN C-130J IN FRENCH-GERMAN COOPERATION

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BUNDESWEHR

- Project Overview
- Regulatory Framework
- Airworthiness Program Document
- Conclusions

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PROJECT OVERVIEW

French-German C-130J Squadron „Rhein/Rhin“

BATS: Binational Air Transport Squadron

Station: Air Base 105 in Évreux (France)

Collaborative project, not just collocation!

2 Operating Organisations (FAF and GAF)

Fleet: 10 C-130J (4x FAF / 6x GAF)

Flying hours planned: 6.000 per year

Binational squadron consisting of:

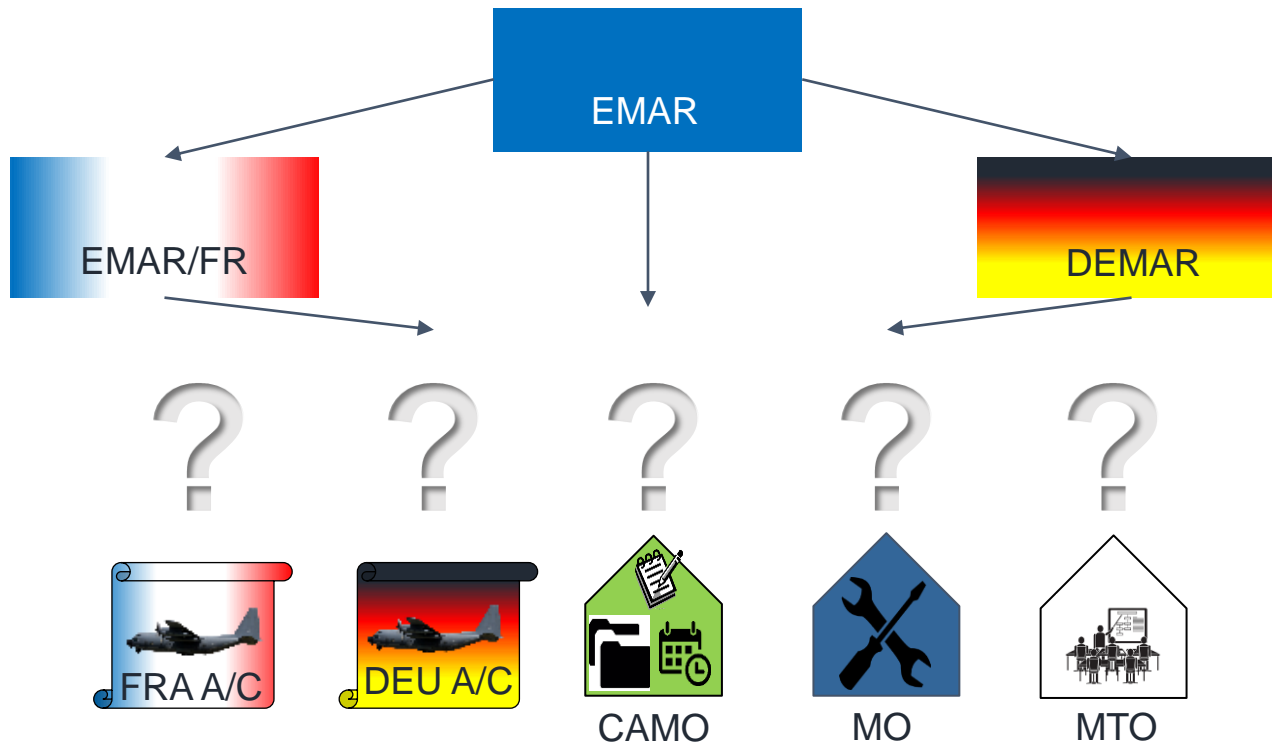
- Common Ops Element
- Common Maintenance Organisation (MO)

Maintenance Training Organisation (MTO)



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REGULATORY FRAMEWORK



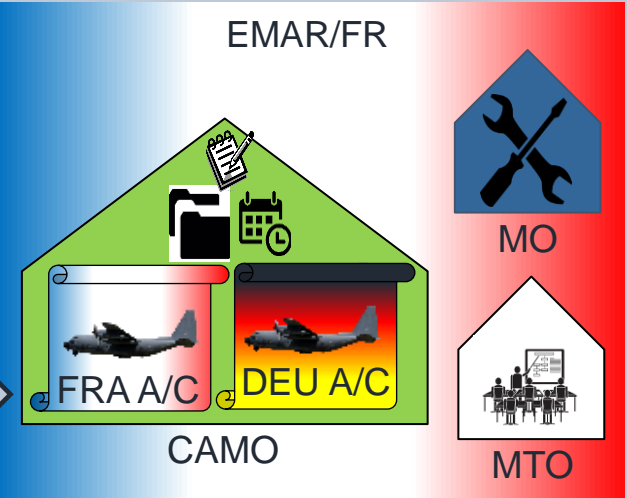
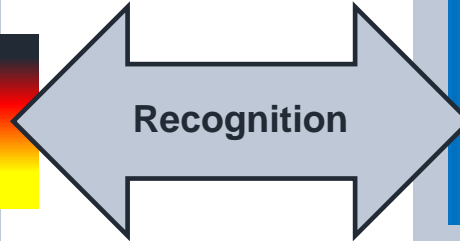
What shall apply for a binational cooperation?

REGULATORY FRAMEWORK

Initial
Airworthiness

Continued
Airworthiness

Continuing
Airworthiness



Airworthiness Program Document (APD)
Implementing arrangement providing binational Airworthiness framework

Airworthiness Program Document

- provides commitment for close cooperation between DGA, DSAÉ and LufABw on issues relevant to flight safety
- covers agreements between DGA, DSAÉ and LufABw on relevant Airworthiness aspects
- defines procedures, roles and responsibilities of the NMAAs with regard to collaborative activities
- defines recognition as the basis for Continuing Airworthiness
- describes roles and responsibilities of all organisations involved in Continued and Continuing Airworthiness, i. e. NMAAs, Air Forces, CAMO...
- describes how to deal with national reservations and derogations

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AIRWORTHINESS PROGRAM DOCUMENT

Initial Airworthiness



National regulations apply to:

- Type Certificate (TC)
- Certificate of Airworthiness (CoA)
- Initial MARC



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AIRWORTHINESS PROGRAM DOCUMENT

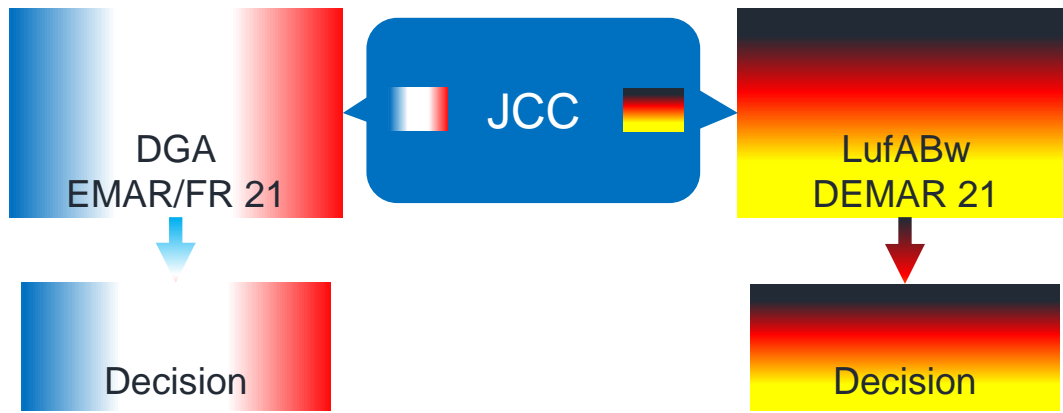
Continued Airworthiness

Joint Certification Committee (JCC):

- binational committee comprising members from DGA, LufABw
- coordinates national activities with regard to Continued Airworthiness, e. g.:
 - assessment of occurrences and related corrective and preventive actions (Airworthiness Directives)
 - assessment of changes to TC
 - assessment of repair designs
- recommendations for national decisions (e.g. ADs, TCs, STCs, repair designs)

DGA / LufABw:

- issue national decisions

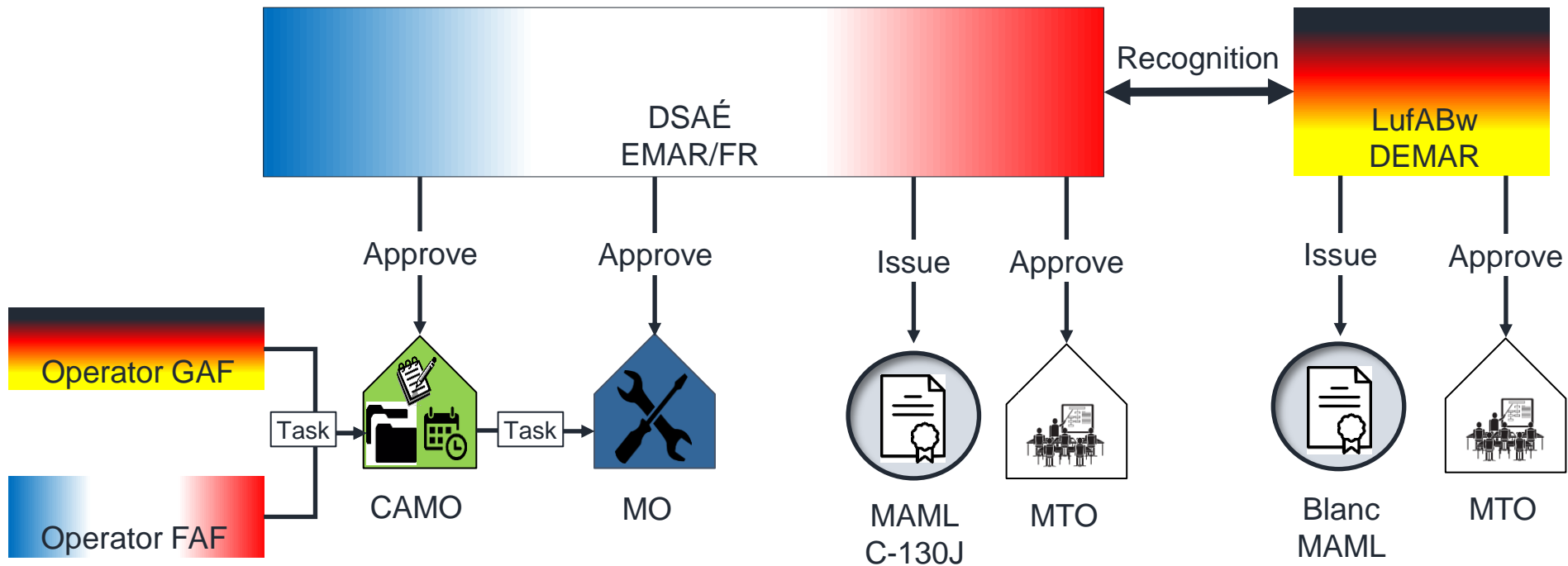


National rules and decisions, but activities are coordinated.

Common Approach to Continued Airworthiness

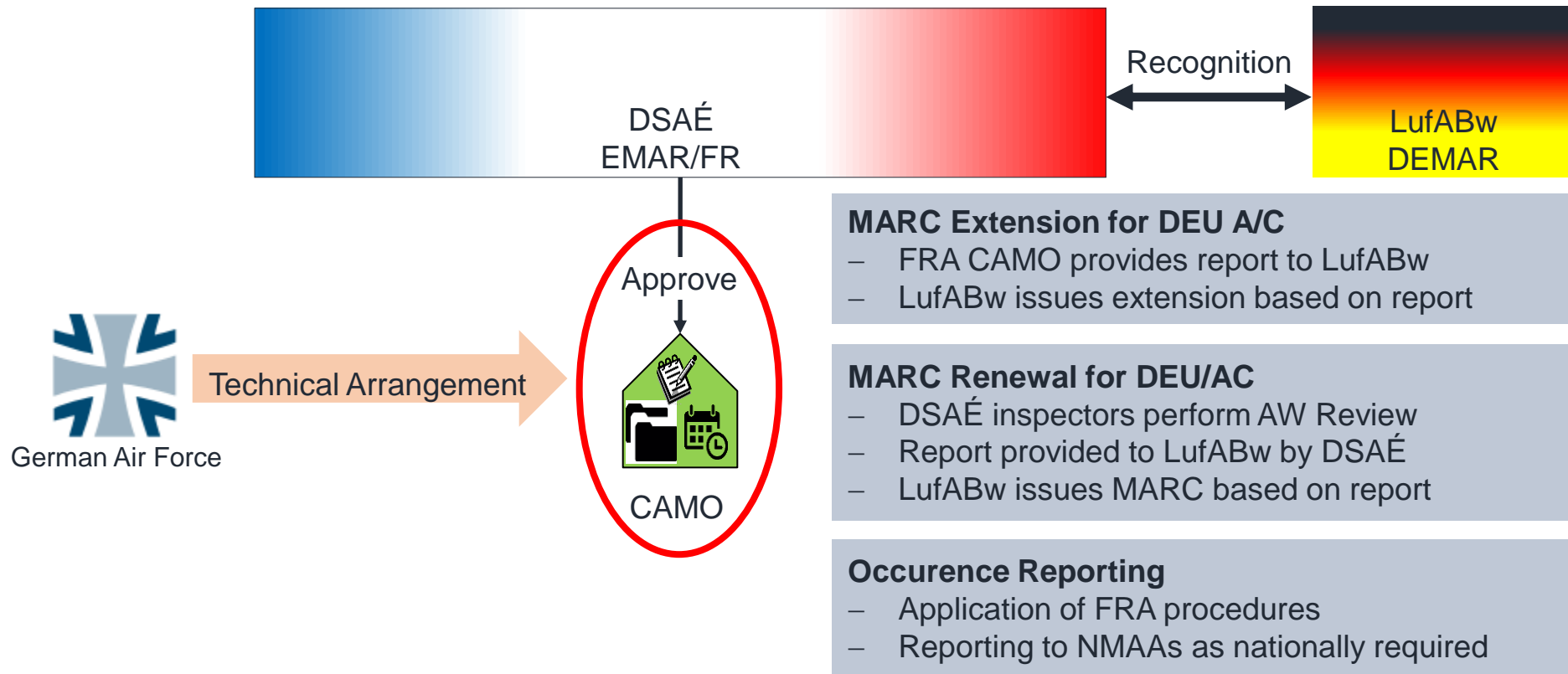
AIRWORTHINESS PROGRAM DOCUMENT

Continuing Airworthiness - Overview



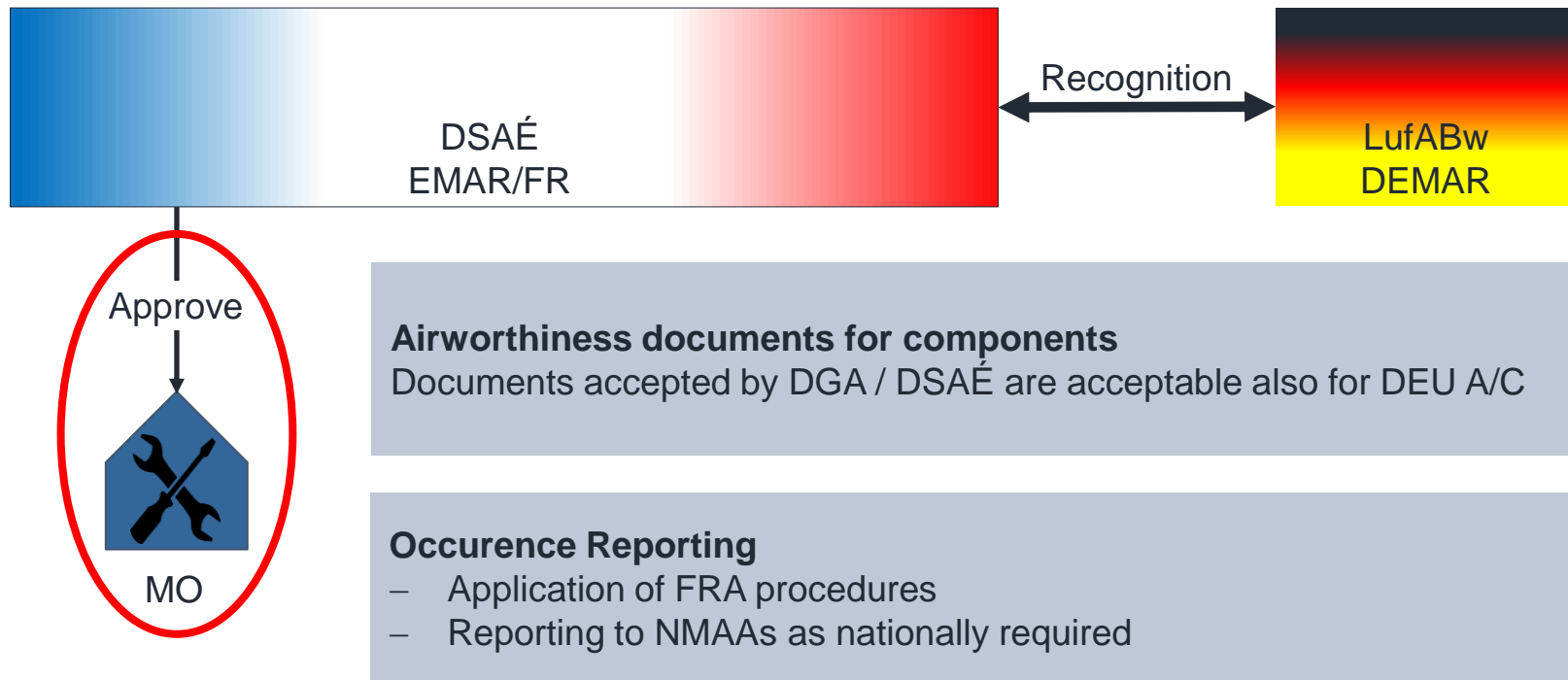
AIRWORTHINESS PROGRAM DOCUMENT

Continuing Airworthiness - CAMO



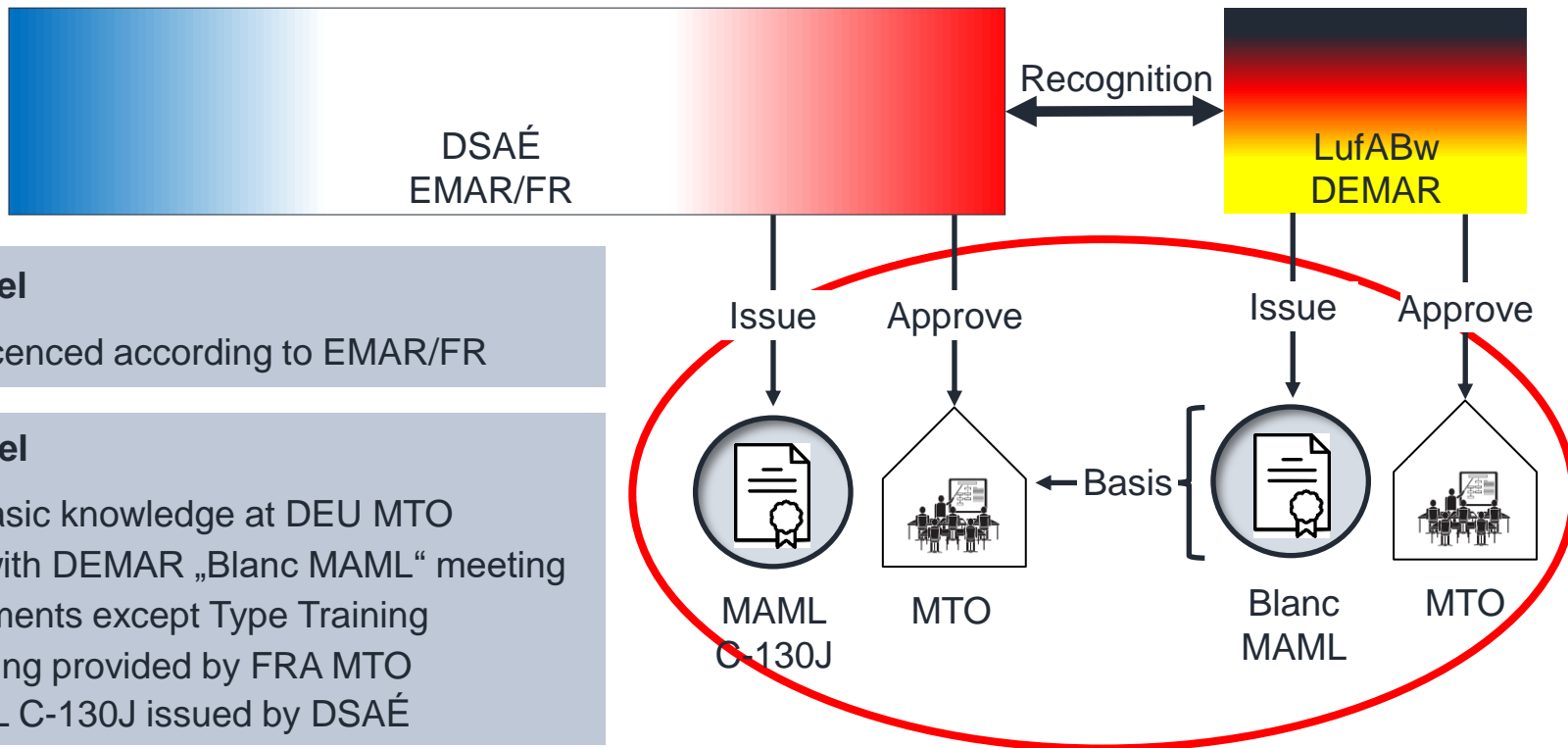
AIRWORTHINESS PROGRAM DOCUMENT

Continuing Airworthiness - MO



AIRWORTHINESS PROGRAM DOCUMENT

Continuing Airworthiness - Licencing



AIRWORTHINESS PROGRAM DOCUMENT

National Reservations, Derogations and Permit to Fly

Reservation DEU Operating Organisation

Temporary DEU-only missions outside MOB:

Continuing Airworthiness managed by DEU staff, within CAMO approval



GAF

Reservations LufABw

LufABw entitled to perform Airworthiness Reviews on DEU A/C

LufABw entitled to request from CAMO status reports on AW of DEU A/C



LufABw

Derogations

National regulations for derogations from Airworthiness standards can be applied by national authorities



MoD / FAF



LufABw / GAF

Permit to Fly

Permits to Fly to be issued in accordance with respective national procedures



DGA / FAF



LufABw

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CONCLUSIONS

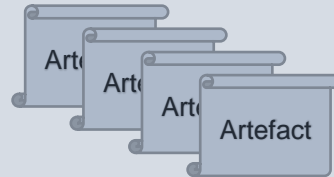
Binational Cooperation



EMAR/FR
where possible



Recognition



National regulations
where necessary



EMARs



THANK YOU FOR YOUR ATTENTION!