

# Overview of the ATM/ANS Equipment certification process

30/04/2025

Presented by:

**Anne Senechal**



# Scope

ATM/ANS Equipment Certification

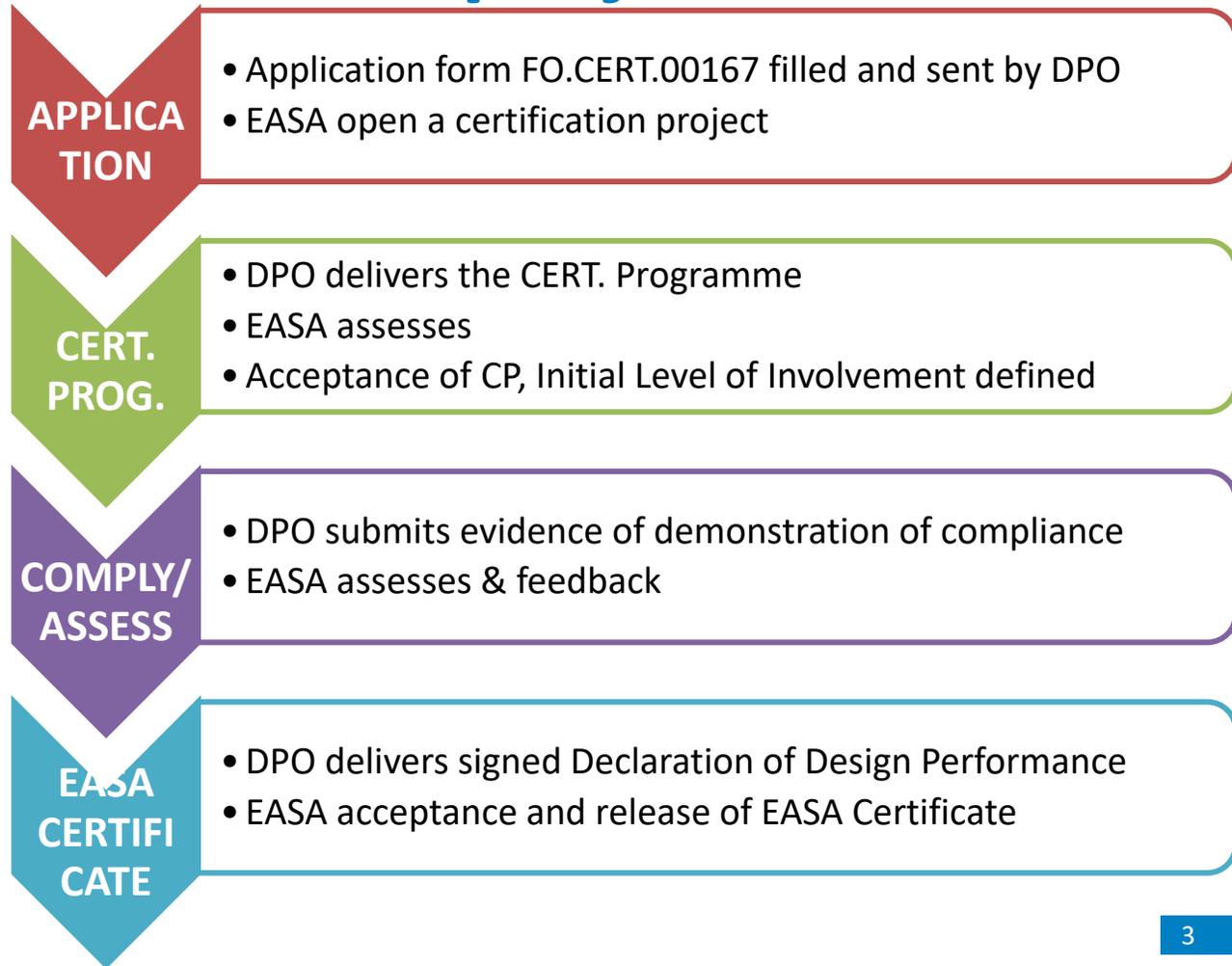
→ From Application to Certificate

→ Key milestones of the Equipment certification process

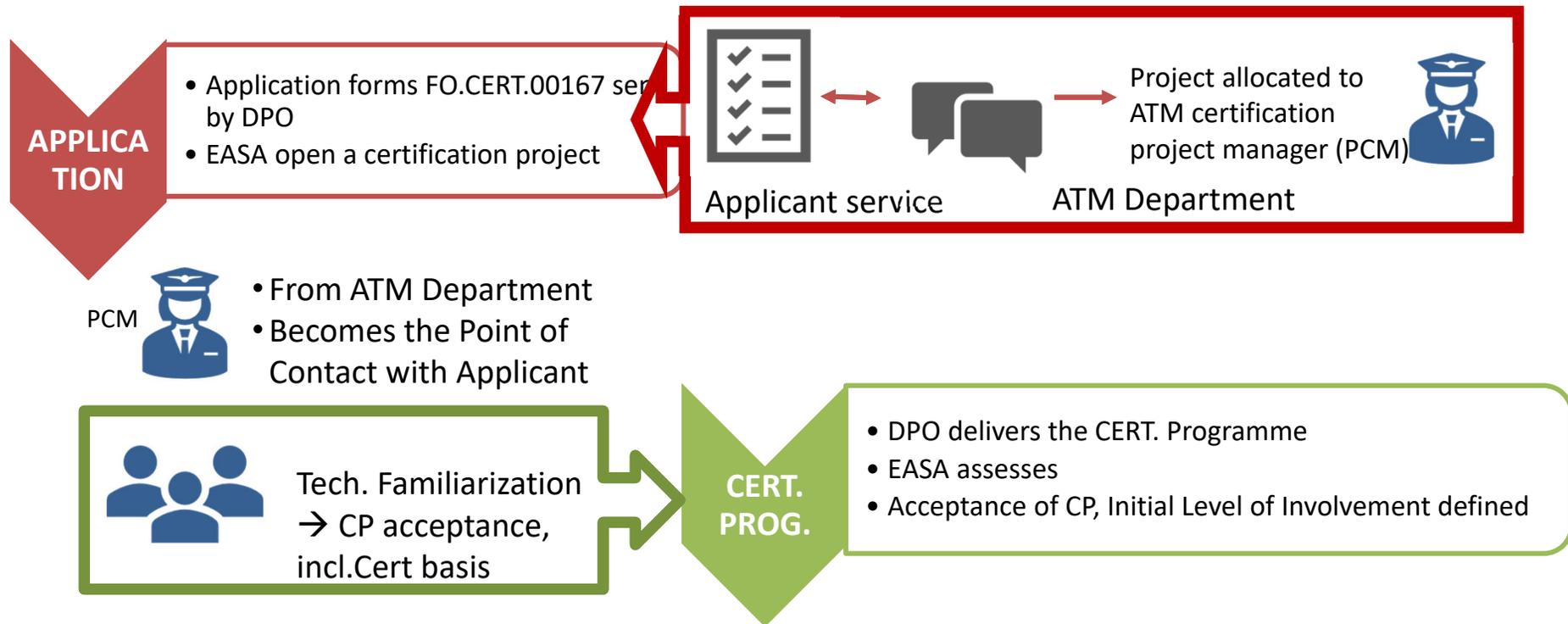
→ DPO-EASA data and interactions

# Sequence of a certification project

- DPO initiates the project and deliveries sequence the project.
- Schedule should account for EASA time to assess and some possible iterations.
- Initial Level of Involvement is high i.e. first projects in ATM...



# At start



→ Technical team defined according to the project needs

# Taxonomy for DS function / cert basis

## → Taxonomy

→ CER.ABCD.v, DEC.ABCD.v, SOC.ABCD.v

→ Current DS.CER/DEC “Section 2 —Flight data processing”  
to become

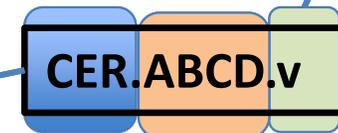
Section 2 — CER.AFDP.1 Flight data processing

→ Further update of Section 2 in DS issue 5 ...to become

Section 2 — CER.AFDP.2 - Flight data processing

*CER, DEC or SOC*

*1 digit in small : tracking  
the Revision of the  
function within DS*



*4 letters for acronym  
of the function e.g.  
AFDP*

# Project compliance demonstration

COMPLY/  
ASSESS

- DPO submits evidence of demonstration of compliance
- EASA assesses & feedback

- DPO & PCM agreement to regroup evidences by meaningful set of data (e.g. development plans, SW assurance, compliance data to industry std...)
- EASA means of involvement identified (review, audits)
- EASA Assessment is fed back to DPO

- Compliance matrix is delivered for EASA to foresee/understand the demonstration approach of the applicant.
- Data are exchanged through SEPIAC, i.e. tool to exchange and record data, EASA feedback typically notified by email
- Application Form, CP, DDP, Certificate constitute the EASA records.

# Request for Deviation to DS / to AMC to DS

- Applicants formally requests for deviation to applicable Cert.basis , as part of initial CP or along demonstration of compliance
- Technical letter from DPO to request deviation and provide arguments & alternate requirements, and justify equivalent level of safety for the deviation
- EASA investigates, publish for comments & final decision



# EASA issues the Certificate

## EASA CERTIFICATE

- DPO delivers signed Declaration of Design Performance (DDP)
- EASA acceptance and release of EASA Certificate



- DDP is the DPO final document,
- Include THE statement of compliance of the DPO holder to the Cert basis + signature



- EASA PCM assesses and accepts the DDP
- EASA issues the certificate, and sends to DPO



- EASA publishes its ref on EASA website
- ATM Certification Project is closed
- DPO is notified



**EASA** ATM/ANS EQUIPMENT CERTIFICATE  
EASA.ATMEQ.CER.100XXXXX

This Certificate is issued by EASA, acting in accordance with Regulation (EU) 2018/1139, subject to the conditions specified below, to

**DPO NAME**  
approved as DPO.XXX

STREET NUMBER  
POSTAL CODE CITY  
COUNTRY

In accordance with Commission Delegated Regulation (EU) 2023/1768 and Detailed Specification DS-GE.CER/DEC issue 1, CER.AFDP.1, CER.VCOM.1, for

MODEL NAME (e.g. EUROPEFDP v1.2)  
PART NUMBER (e.g. B12345A[x][y][zz])

DDP No. J98061AA, REVISION 02, or Subsequent Revisions(\*)

Remarks:  
XXX

Deviations:  
XXX

Limitations:  
XXX

(\*) Subsequent Revisions released following approved DPO change management procedures.

See Continuation Sheet(s)



# Thank You

# Any question?



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# Overview of the registration process of ATM/ANS Equipment declaration

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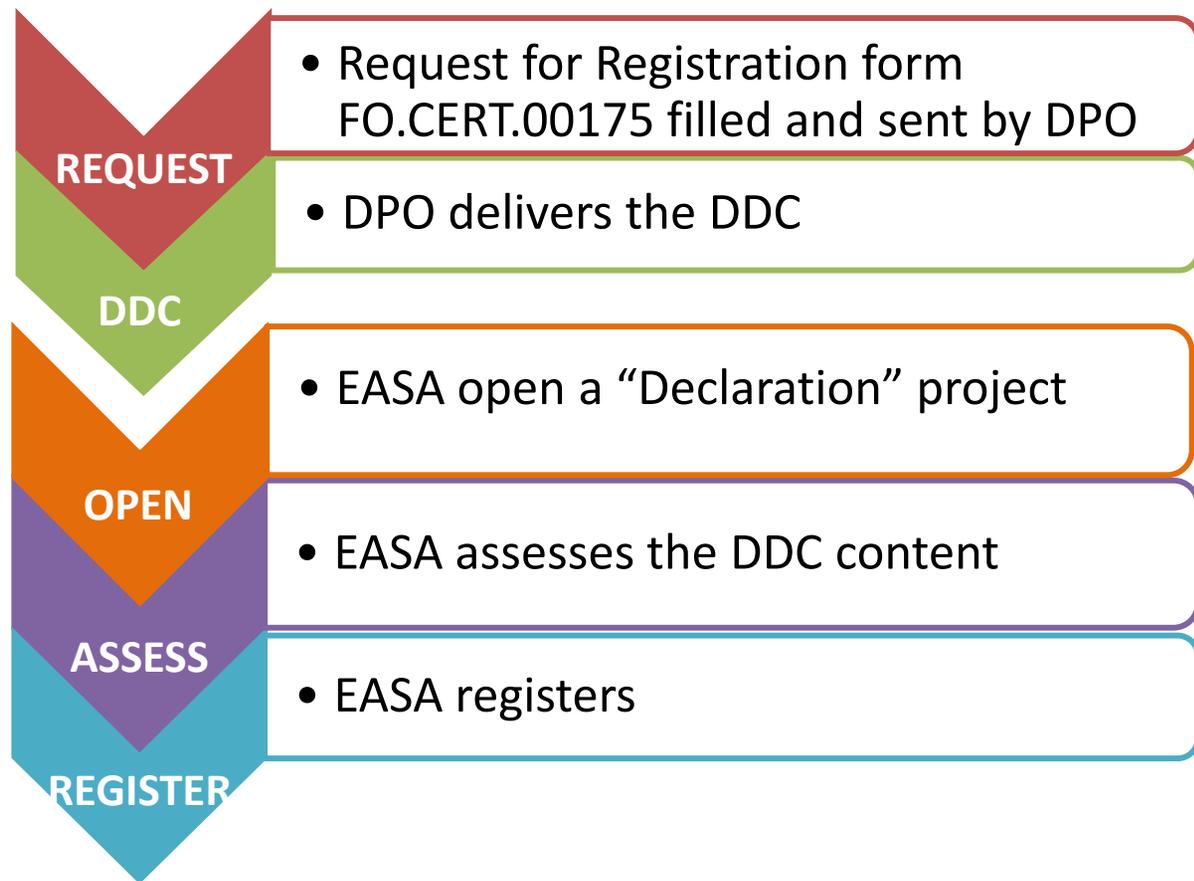
# Scope

- Steps of the registration process of ATM/ANS Equipment declaration
- Deviation request in the context of DDC

# Steps in the registration of DDC

Streamlined process!

- DPO initiates the project and delivers the DDC
- EASA assess/feedback and register



# Deviation request in the context of DDC

- Deviation request should be approved before using in Declaration of Design Compliance.
- As a consequence Deviation request should be requested before releasing DDC and requesting for its registration.
- Same process than CERT applies

*To support a decision in context > some information regarding the equipment functions to be provided in the letter to request deviation*





# Thank You

# Any question?



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