

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...

APPLICA TION

- Application form FO.CERT.00167 filled and sent by DPO
- EASA open a certification project

CERT. PROG.

- DPO delivers the CERT. Programme
- EASA assesses
- Acceptance of CP, Initial Level of Involvement defined

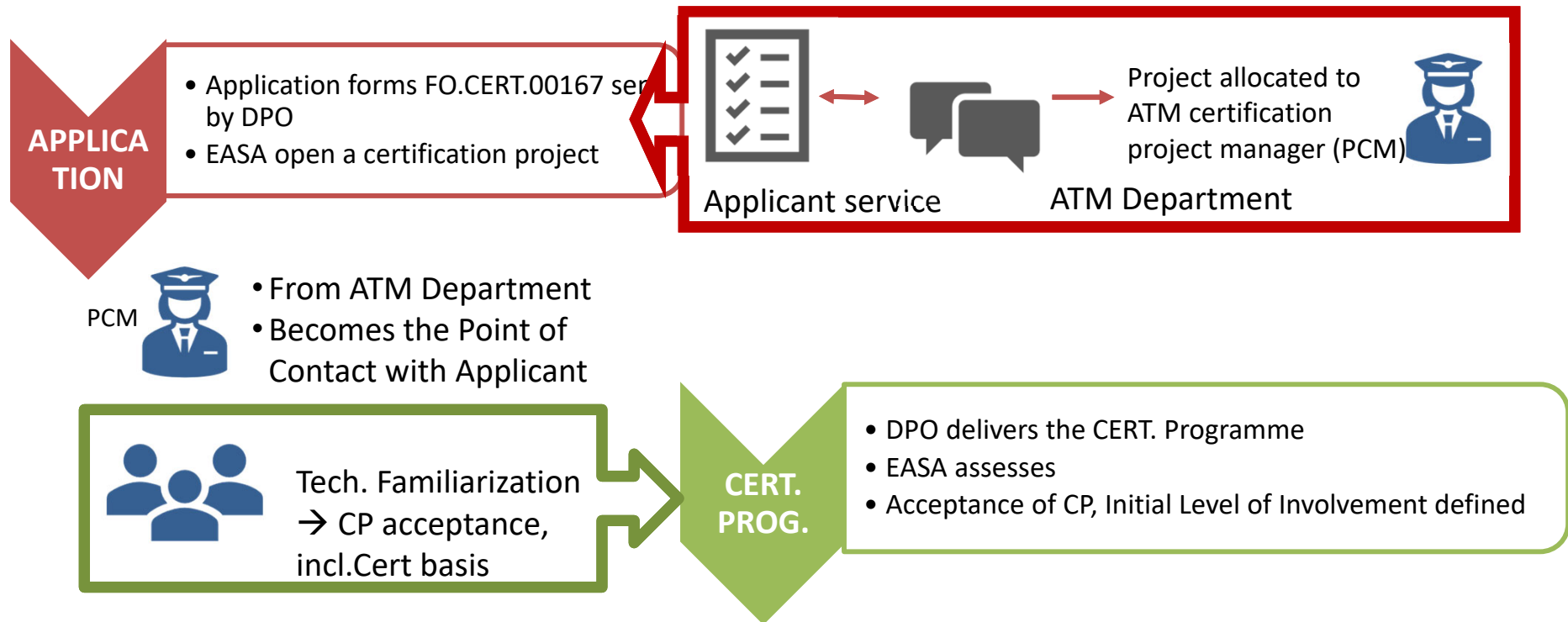
COMPLY/ ASSESS

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

EASA CERTIFI CATE

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

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

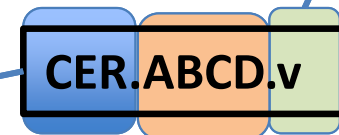
Section 2 — CER.AFDP.1 Flight data processing

→ 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



- 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?



easa.europa.eu/connect



Your safety is our mission.

An Agency of the European Union 

Overview of the registration process of ATM/ANS Equipment declaration

30/04/2025

Presented by:
Anne Senechal



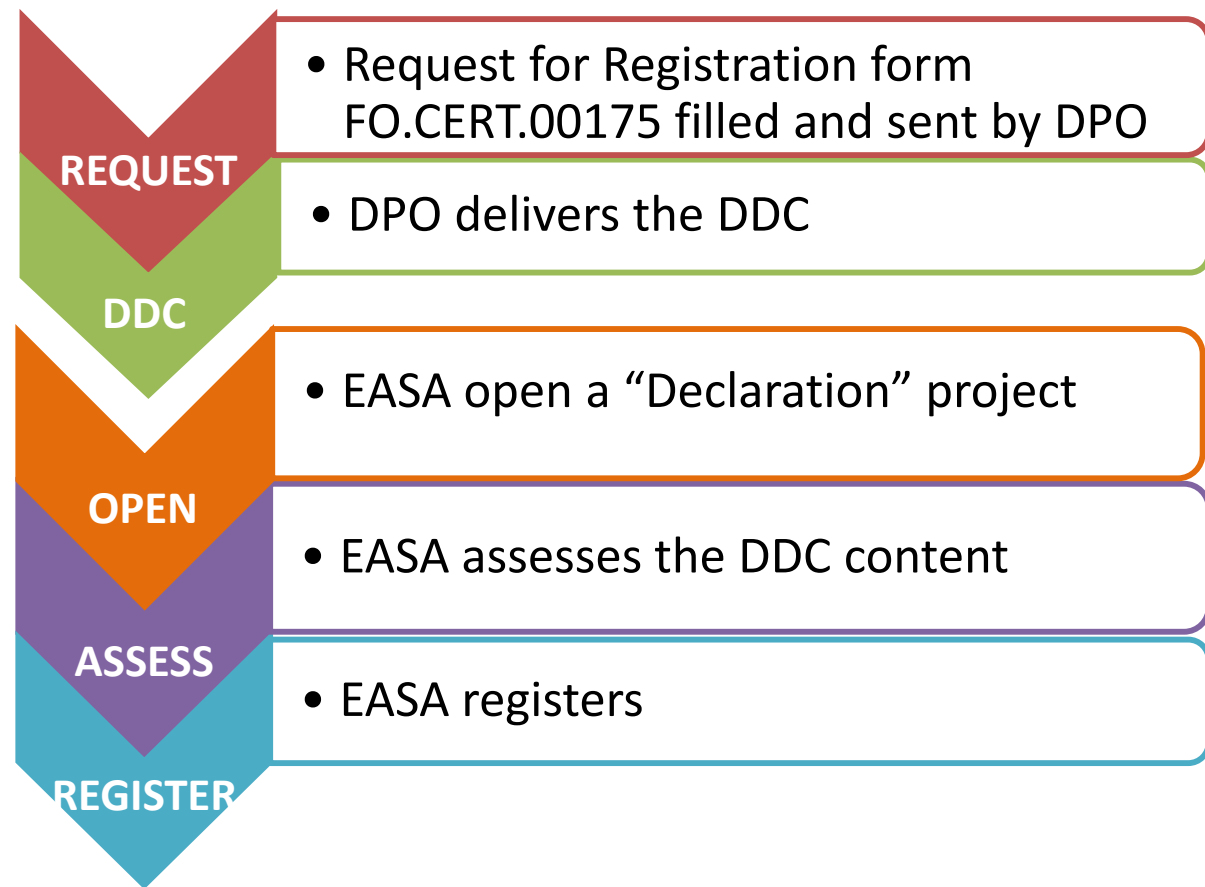
Scope

- 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?



easa.europa.eu/connect



Your safety is our mission.

An Agency of the European Union 