Your Swiss Competence
Center in Aviation

Status
DTO Switzerland
EASA

Patrick Hofer, Flight Inspector
Isabelle Pecoraio, Flight Inspector

Patrick Hofer

Tätigkeiten:

15 Jahre STLT **Technische Aufsicht**, SF, MF, Heli, Experimental

12 Jahre SBFL **Aufsicht Flugbetrieb**,
Segelflug , Motorflug, SHV Hängegleiter, Bereich
Fallschirme, UL Projekte, Fluglehrerausbildungen, Aufsicht Flugschulen

5 Monate QCM Mandat Bereich DTO

Lizenzen:

Hängegleiter, Segelfluglehrer, Motorfluglehrer, Heli CPL, UL-Trike, UL_Gyrokopter
Mech. Lizenz M/S

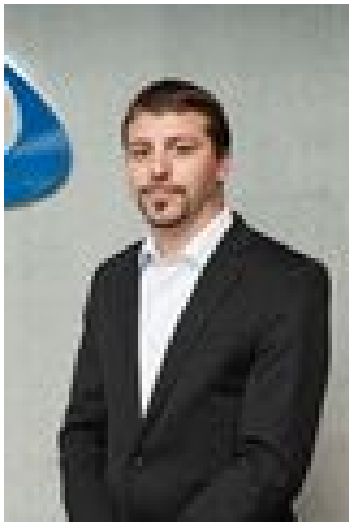
Isabelle Pecoraio

Tätigkeiten (fliegerische):
Copi bei Crossair (2 Jahre)
Fluglehrerin (15 Jahre), Chefflueglehrerin (7 Jahre), Flugplatzchefin (6 Jahre)

10 Jahre Inspektorin **Aufsicht und Zulassung Flugbetrieb** Leichtaviatik: Flugschulen, Rundflugbetriebe, Airspace Infringements, Gebirgsflug, Stellvertretung Patrick Hofer

Lizenzen:
CPL, SPL
Ratings:
FI, FE, SEP, MEP, IR, MOU, ACR, TMG

Marco Eckl



DTO Administration

Administration / Training Dept.
Flight Support Services
Dispatch & Operations
Fuel Operations
Charter Sales for clients

eckl@qcm.ch

Content:

- Introduction
- The DTO in detail
- Connection QCM BAZL
- How to start and run a DTO
- Next steps

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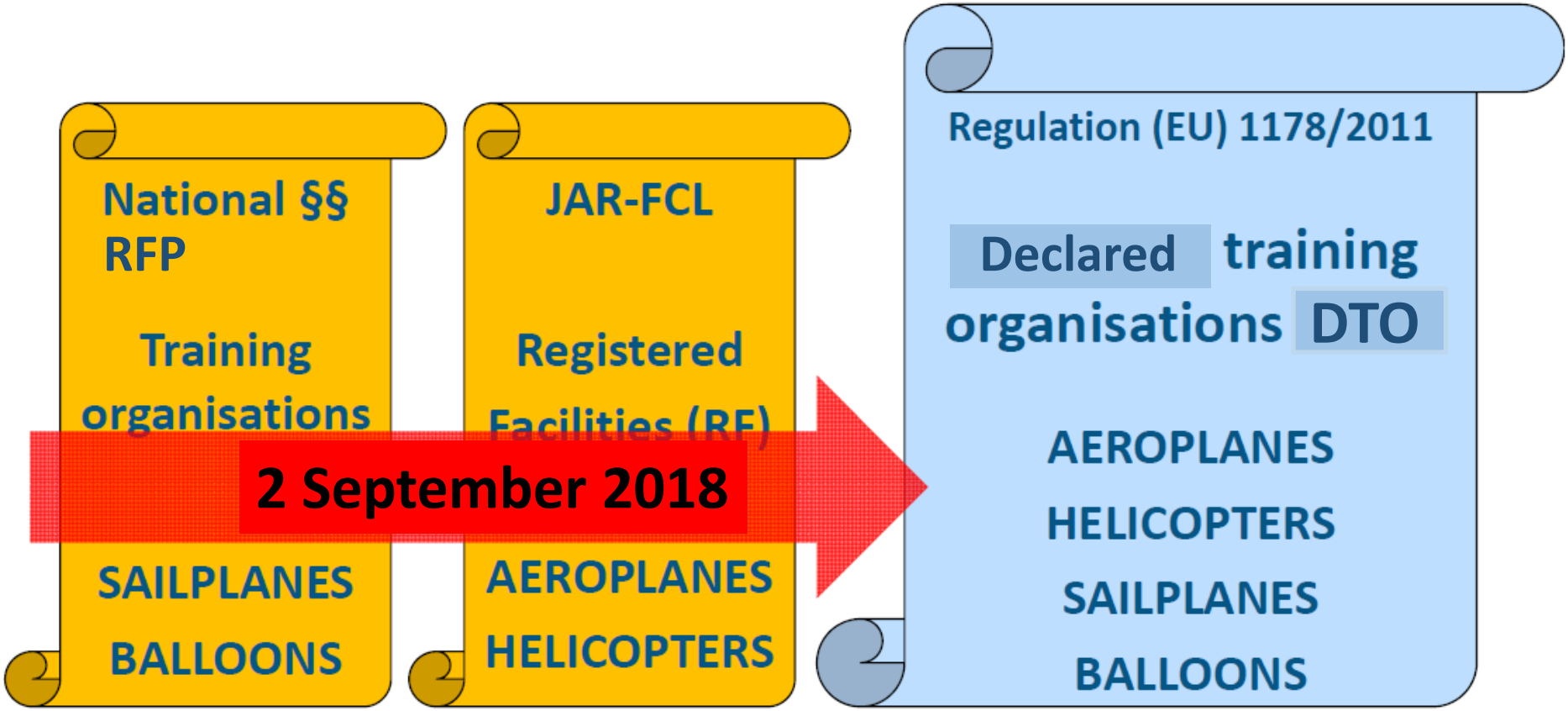
History of GA training organisations:



Regulation (EU) No 1178/2011
‚Aircrew Regulation'

Annex I – Part-FCL

[...]

Annex VI – Part-ARA

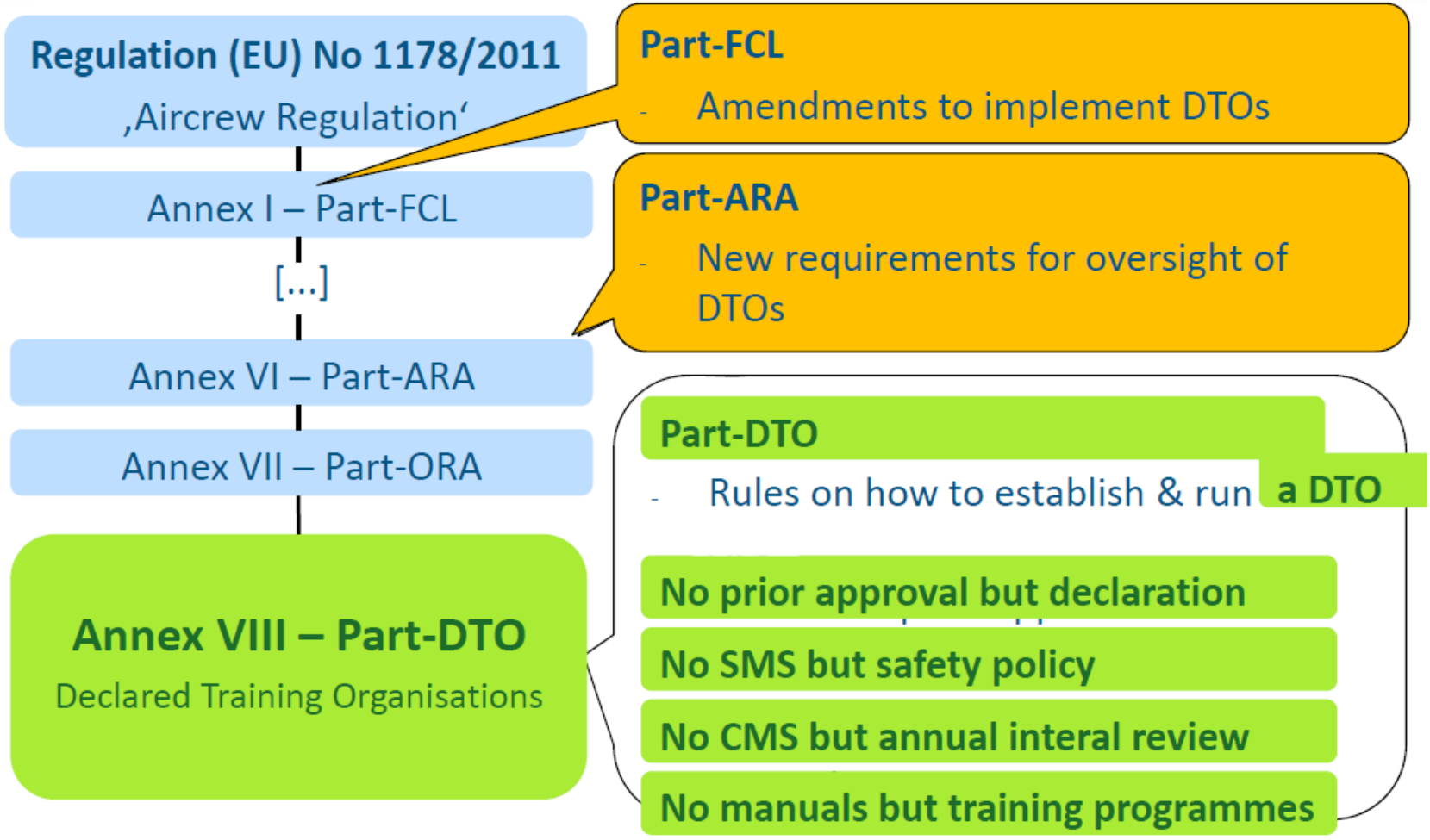
Annex VII – Part-ORA

Part- ARA –authority requirements
Rules for issuing licencs, conduct of Oversight of ATOs

Part-ORA organisation requirements

- Rules to estabilsh & run an ATO
- ATO needs prior approval
- Safety Management
- Compliance monitoring system

Appropriate for DTO organisations


Regulation (EU) No 1178/2011
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Annex I – Part-FCL
[...]
Annex VI – Part-ARA
Annex VII – Part-ORA
Annex VIII – Part-DTO
Declared Training Organisations
Part-FCL
- Amendments to implement DTOs
Part-ARA
- New requirements for oversight of DTOs
Part-DTO
- Rules on how to establish & run a DTO
No prior approval but declaration
No SMS but safety policy
No CMS but annual interal review
No manuals but training programmes

Content:

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- Training scope
- Personal requirements
- Safety policy
- Training programm
- Training aircraft and FSTD
- Facilities
- Aerodromes and operating sites
- Theoritical knowlege instruction
- Mandatory reporting

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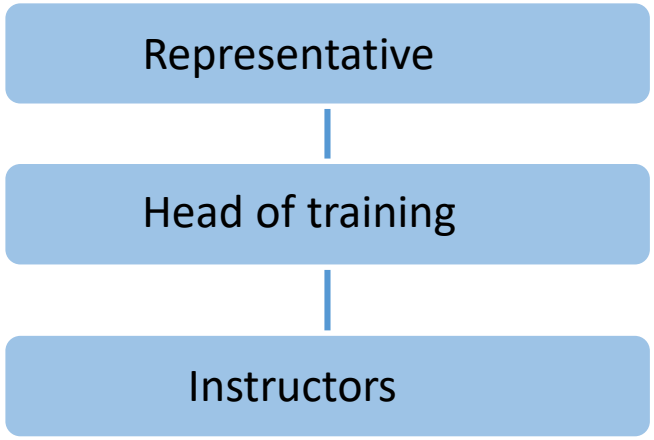
DTO

Training scope (DTO.GEN.110)

DTO ATO I ATO II	Aeroplane	Helicopter	Sailplane	Balloon
	LAPL(A) PPL(A) CPL(A) ATPL(A) MPL(A)	LAPL(H) PPL(H) CPL(H) ATPL(H)	LAPL(S) SPL	LAPL(B) BPL
Additional Rating	• CR SEP (land) • CR SEP (sea) • TMG • Night • Aerobatics • Mountain • Sailplane towing • Banner towing • IR, CB-IR, EIR • CR SET (land) • CR SET (sea) • CR ME (land) • CR ME (sea) • TR SPA • MCC • TR MPA	• Single-engine type rating max. 5 seats • Night • Mountain • IR • Multi-engine type rating • Multi-Pilot type rating • MCC	• Extension TMG • launch methods • Aerobatics • Towing • Cloud flying rating	• Class extension • Class or group extension • Tethered flight • Night
instructor	• flight instructor rating FI(A), CRI(A), IRI(A), STI(A) • FI(A), CRI(A), TRI(A) refresher seminar • TRI(A), SFI(A)	• flight instructor rating FI(H), IRI(H), TRI(H), STI(H), SFI(H) • FI(H), TRI(H) refresher seminar	• flight instructor rating FI(S) • FI(S) refresher seminar. • Standardisierungskurse für FE(S), FIE(S), FE(B) und FIE(B), sowie Refresher Seminare für diese Examiner Zertifikate, müssen genehmigt werden.	• flight instructor rating FI(B) • FI(B) refresher seminar.

Personal requirements (DTO.GEN.210)



Personalstructure for a DTO in accordance with Part DTO

No operation manual requirements

Safety policy (DTO.GEN.210 (a) (1) (ii))

- To be established by the representative
- Objectives
  - Safe operating of all DTO Activity
  - Implementation of appropriate procedures in order to ensure safe operation
- AMC to define minimum content
  - Risk identification & risk assessment
  - Implementation an follow-up of mitigating measures
- Safety policy: not part of the declaration

No safety manual required!

Training programmes (DTO.GEN.230)

- Aim of the course
- Credits for previous experience
- Detailed list of all air and FSTD exercises
- Structure and content of theoretical knowledge instruction
- Syllabus summary
- Structure of the entire course & integration of syllabi
- Student progress checks, as appropriate

No training manual required!

Training aircraft and FSTD (DTO.GEN.240)

Facilities (DTO.GEN.215)

Aerodromes and operating sites (DTO.GEN.250)

- DTOs for aeroplanes and helicopters:
  - Deputy heads of training + availability of sufficient resources for additional ‚base aerodromes‘

Theoretical knowledge instruction (DTO.GEN.260)

- On site learning (classroom teaching, 1:1 instruction)
- Distance learning
- In any case: student progress to be monitored appropriately by the DTO.

2.9 Mandatory reporting (DTO.GEN.270)

Annual internal review

Review of DTO activities

Example training
application of safety policy

AMC with details

No compliance monitoring manual required!

Annual activity report

Statistical data for past calendar year

Example: Training courses provided, number of students...

AMC with details

submit 1x per year

QCM

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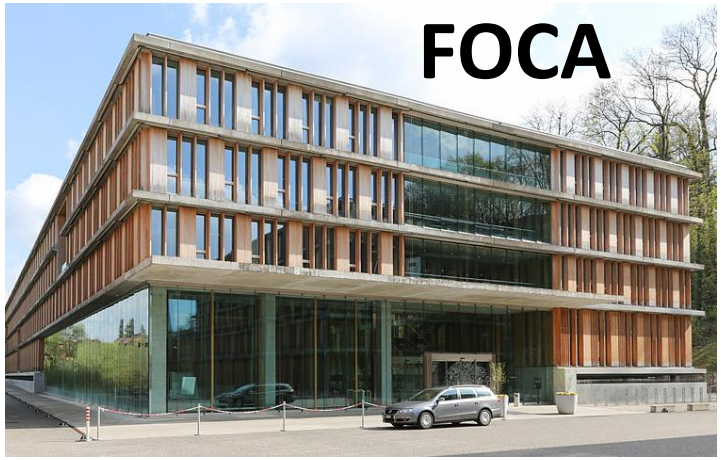
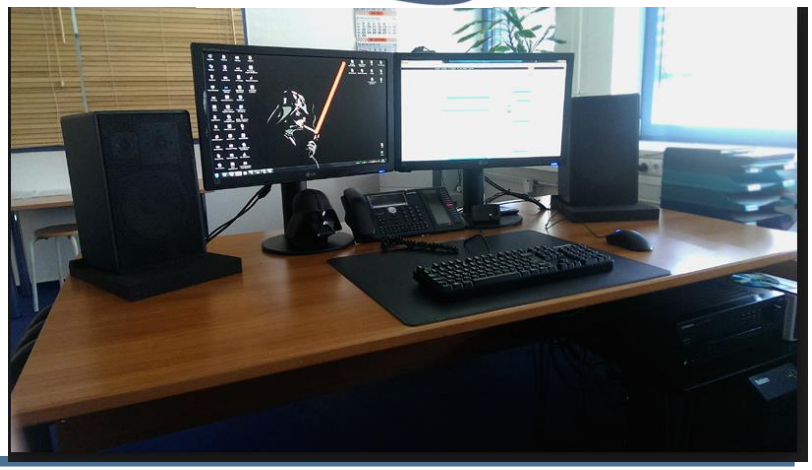


DTO delegation contract
FOCA ➡ QCM

FOCA is overseeing QCM



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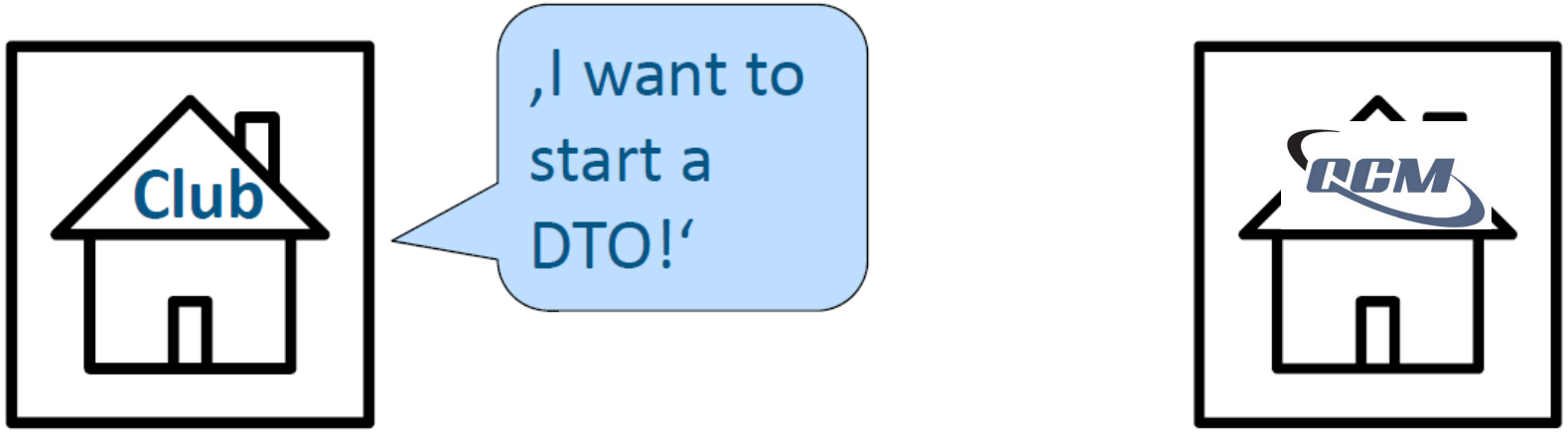
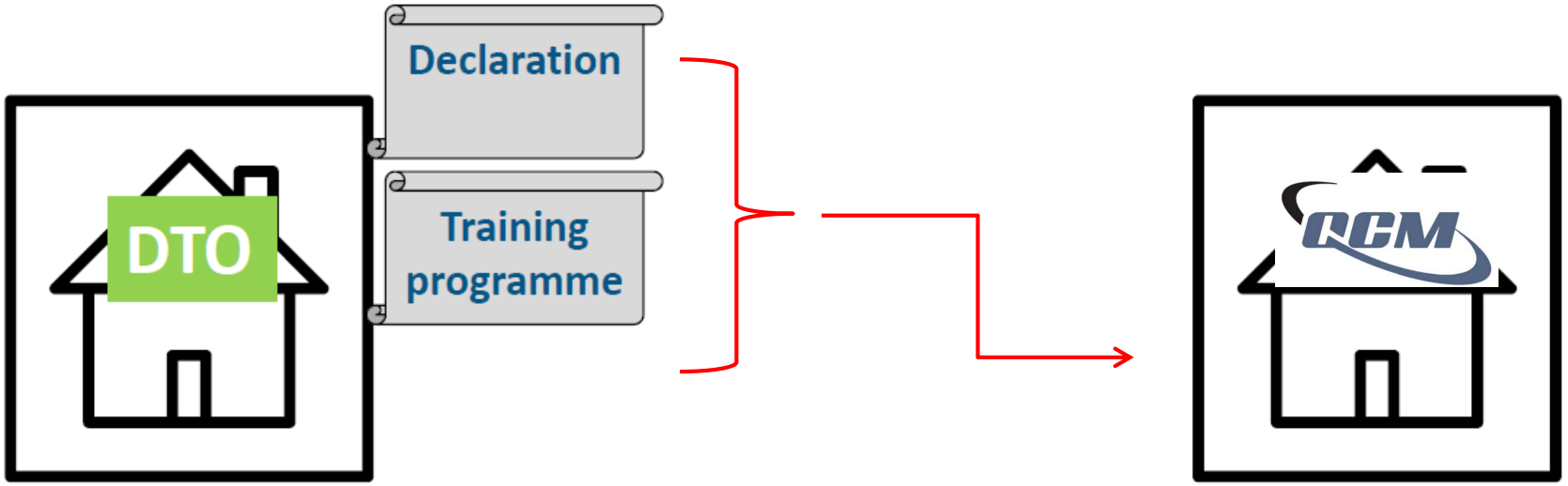
How to start a DTO



1 How to start a DTO



DTO can start?

Your Swiss Competence Center in Aviation

DTO

https://www.qcm.ch/en/dto/

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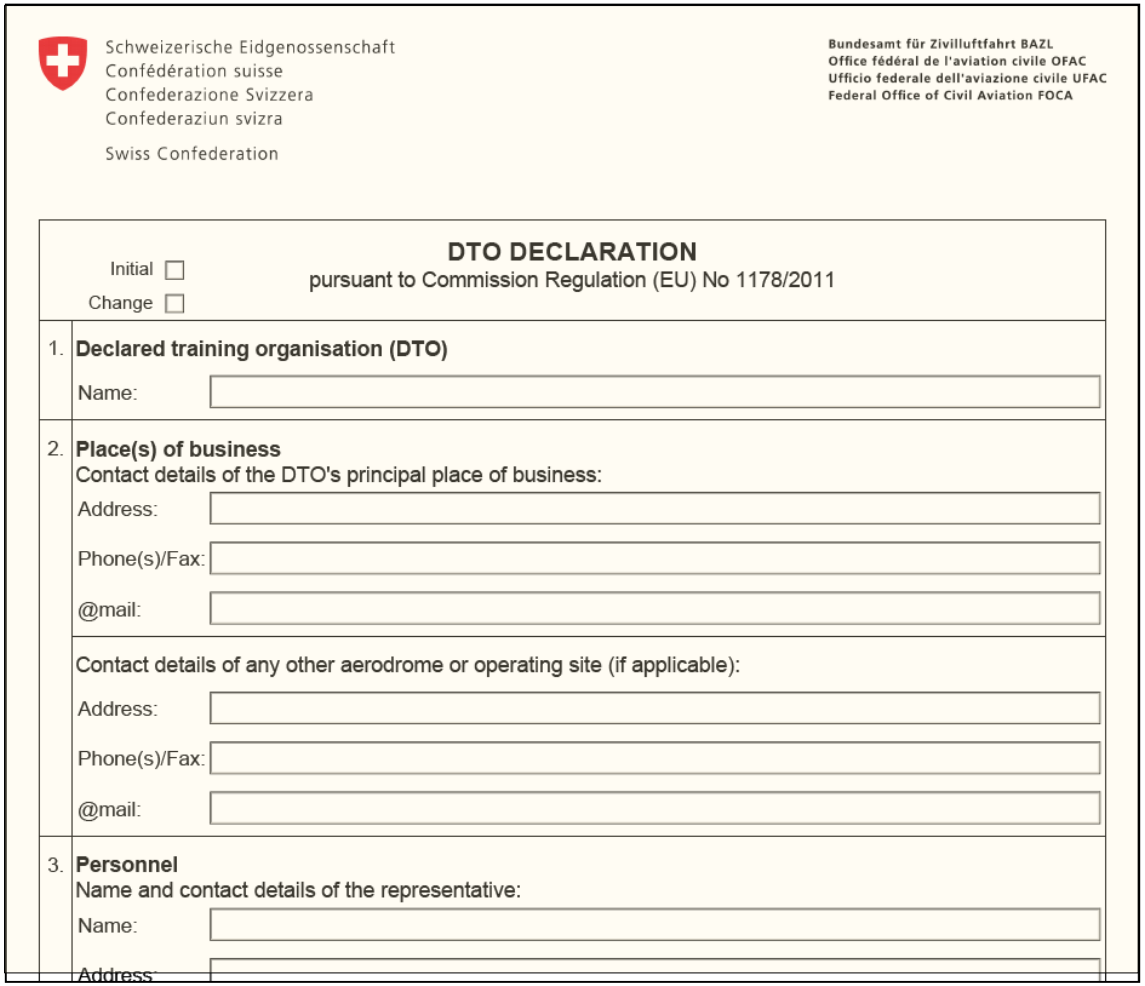
Declaration



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Bundesamt für Zivilluftfahrt BAZL
Office fédéral de l'aviation civile OFAC
Ufficio federale dell'aviazione civile UFAC
Federal Office of Civil Aviation FOCA

DTO DECLARATION
pursuant to Commission Regulation (EU) No 1178/2011

Initial ☐
Change ☐

1. **Declared training organisation (DTO)**
   Name:

2. **Place(s) of business**
   Contact details of the DTO's principal place of business:
   Address:
   Phone(s)/Fax:
   @mail:

   Contact details of any other aerodrome or operating site (if applicable):
   Address:
   Phone(s)/Fax:
   @mail:

3. **Personnel**
   Name and contact details of the representative:
   Name:
   Address:

Declaration in accordance with Appendix 1 to Part-DTO

Name of the DTO	**Aerodromes and operating sites**
Contact details of principal place of business	**Date of intended commencement of training activities**
Personnel - Representative - Head of training	**Application for examiner courses for sailplanes / balloons (if applicable)**
Training scope - List of training courses - List of training programmes used (documents to be attached)	**Statements** - Statement of safety policy - Statement of compliance
Training aircraft (models) and FSTDs	

Date, name and signatures of representative and head of training

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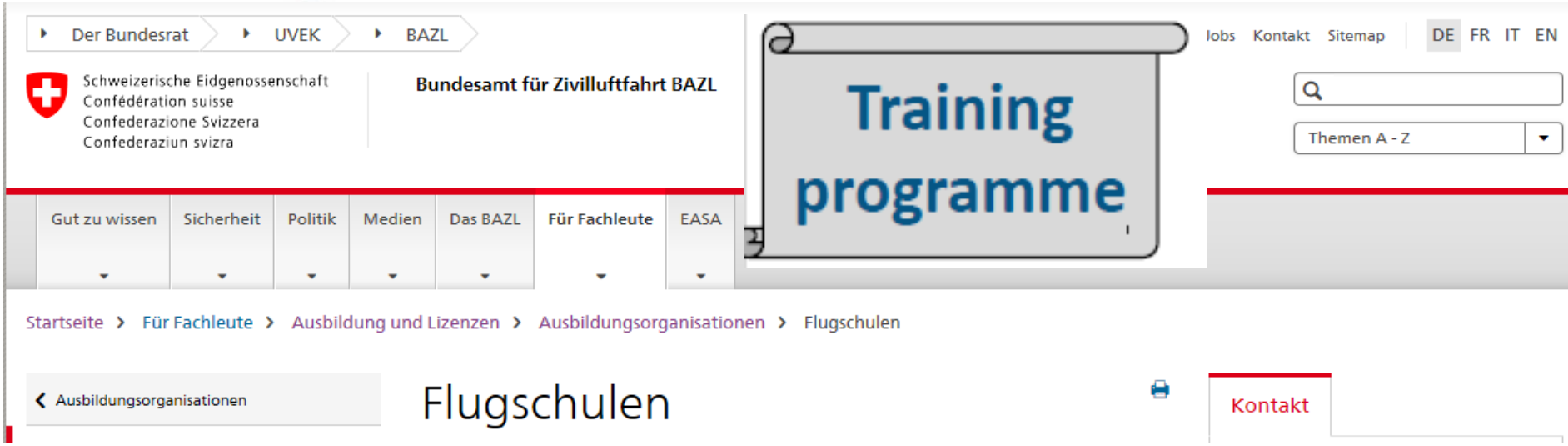
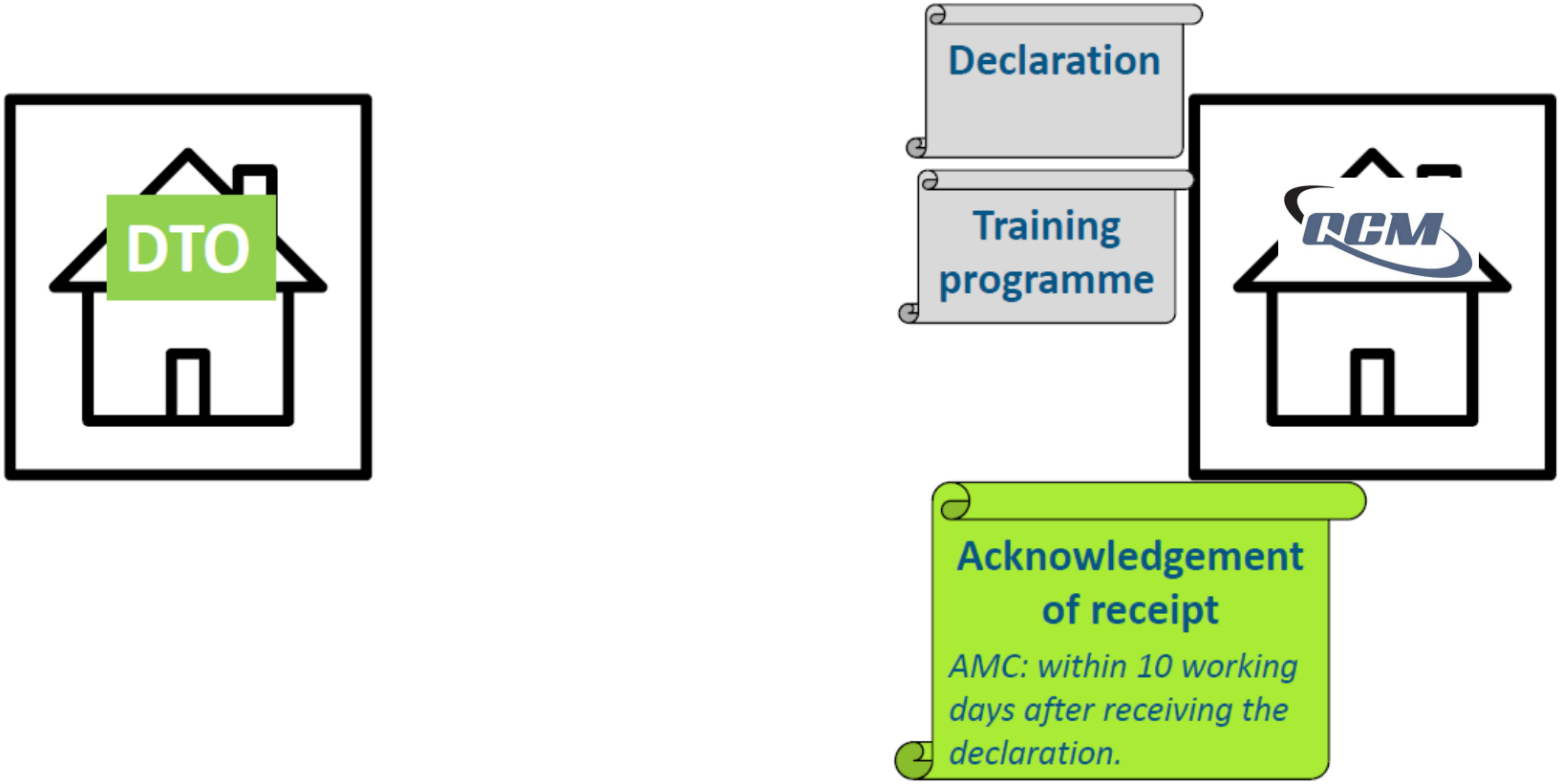


How to start a DTO



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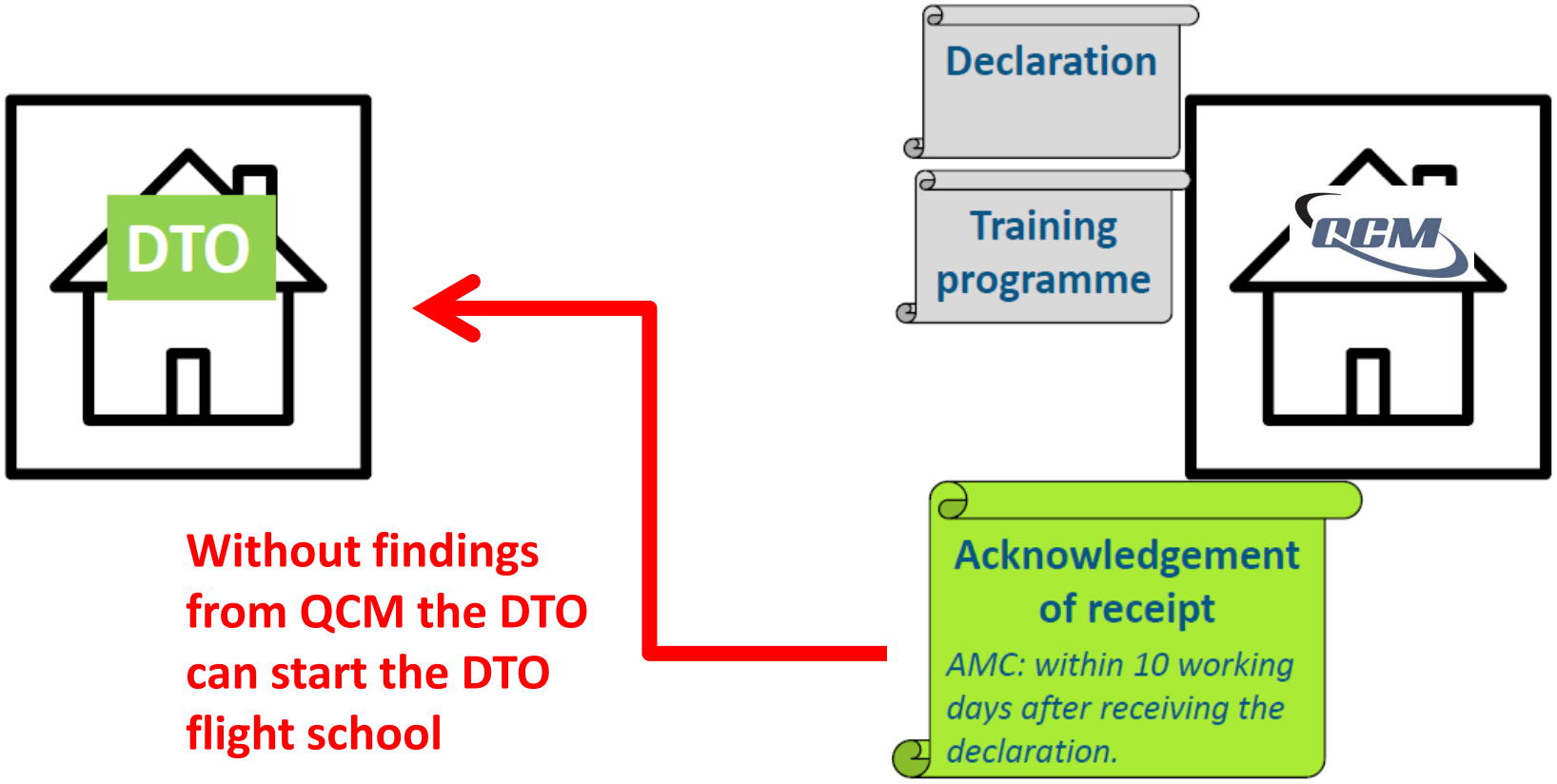

How to run a DTO

Essential obligations of the existing DTO

- Training in compliance with Part-FCL and the training scope declared
- Submission of
  - Annual internal reviews
  - Annual activity reports
- Notification of changes to the content of the declaration
- Notification of cessation of training activities

How to run a DTO

Initial inspection: Within 12 months after initial declaration

Inspections: At least once in 72 months

Audits / unannounced inspections: As necessary

How to run a DTO

Corrective action to be taken by the DTO.

Unsatisfactory corrective action: Limitation or prohibition of DTO activities until corrective action is taken properly.

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Status / next steps

- 25 October 2017: Positive vote on Part-DTO in EASA committee
- ~~8 April 2018~~: Entry-into-force of Part-DTO 2. Sept. 2018
- 8 April 2019: All existing training organisations for aeroplanes and helicopters (JAR-RFs) need to comply with Part-DTO (or, alternatively, with Part-ORA).
- Training organisations for sailplanes and balloons: Opt-out extension until 8 April 2020.

Summary:

- **Declared training organisation (DTO)**
  - Training organisation for non-commercial licences.
  - No prior approval required → declaration.
  - Simplified personnel and organisation requirements.
  - Revised oversight requirements for competent authorities.
  - New Annex VIII (Part-DTO) to Regulation (EU) No 1178/2011.
  - Available from **2. Sept. 2018**

Are you ready … ?