Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

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

SASOC 2024

Safety Aircraft

Gianmario Giacomelli, Head Safety Division Aircraft
3. May 2024, Zentrum Paul Klee (ZPK) Bern

My FOCA career

1999

Airworthiness Inspector

2001

Certification Engineer

2011

Head of Section Design & Production

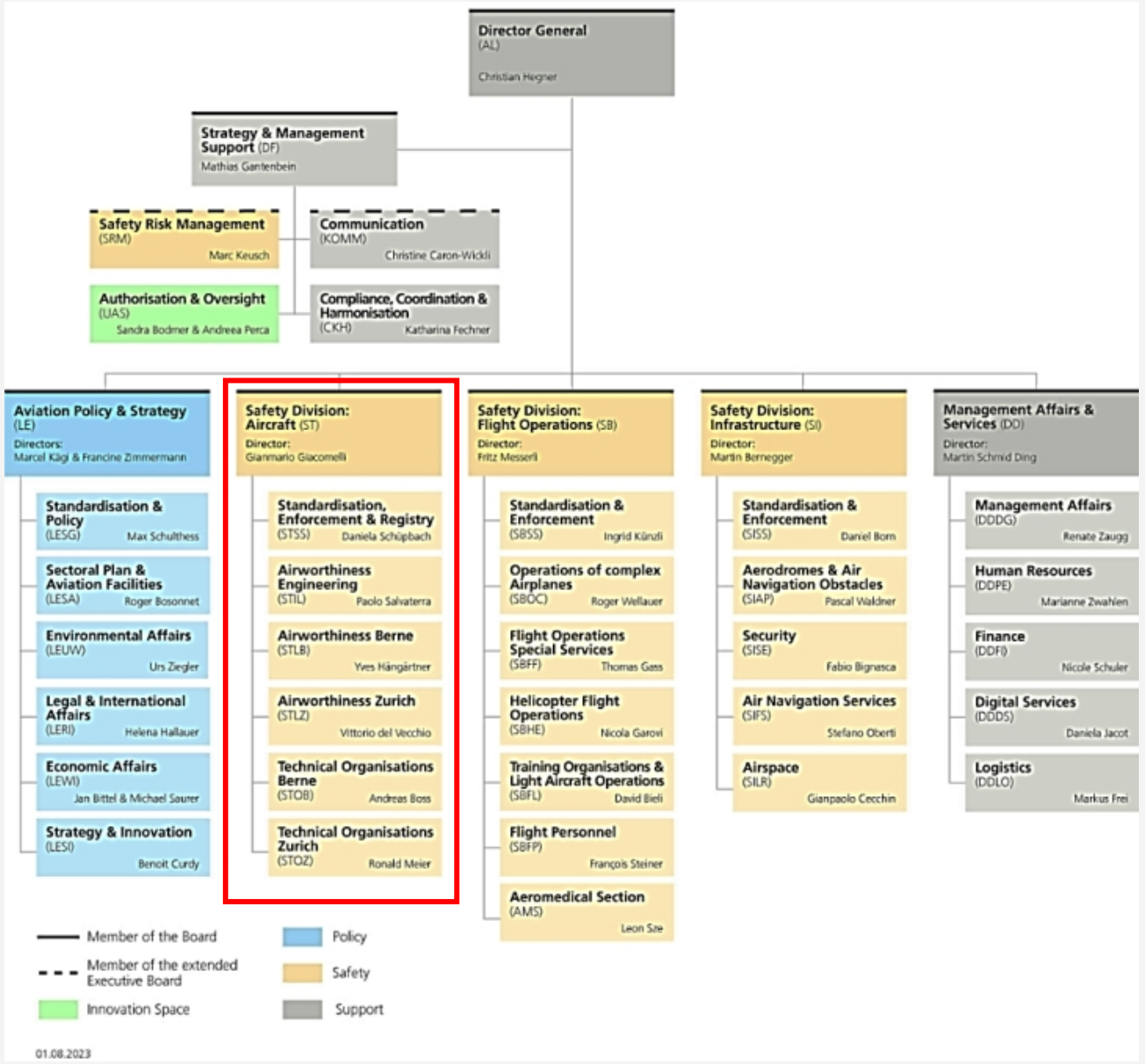
2016

Director
Head of Safety
Division Aircraft

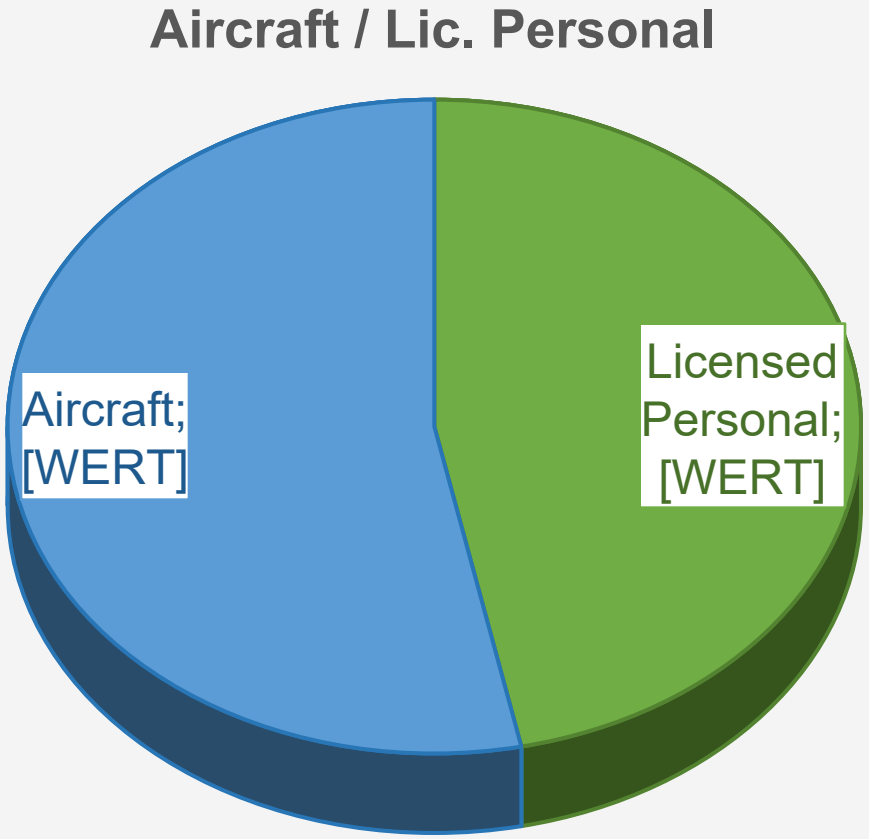
Organisation ST

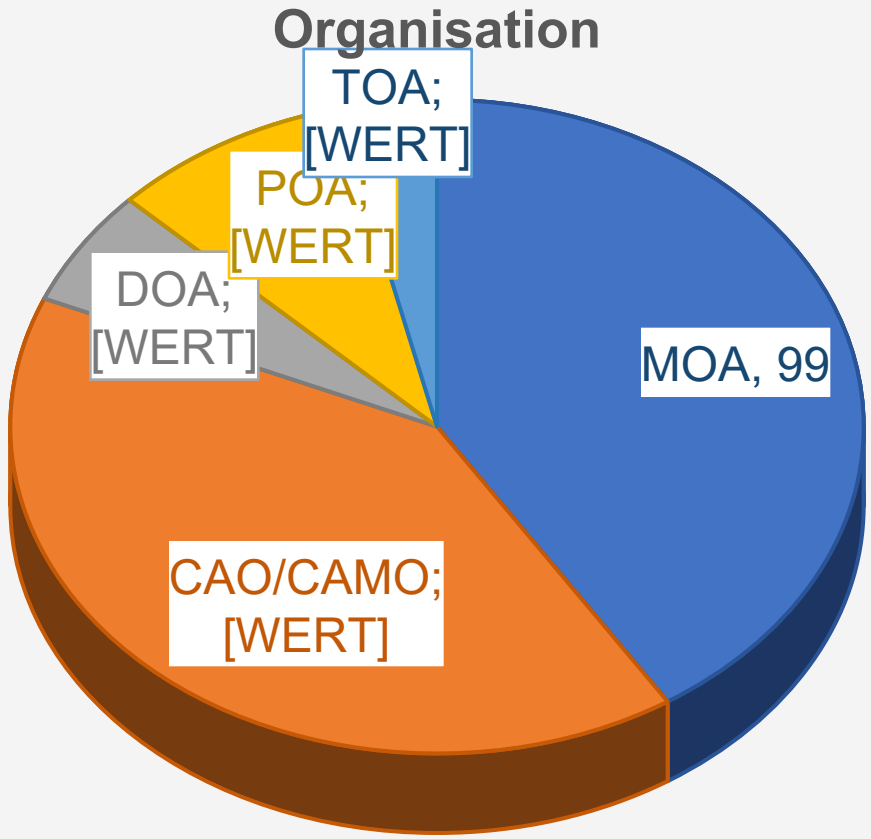
Main scope of the division

- Initial Airworthiness
  - Product Certification & Oversight
- Continuing Airworthiness
  - Product Oversight
  - Organisation Oversight
  - Personal Licence

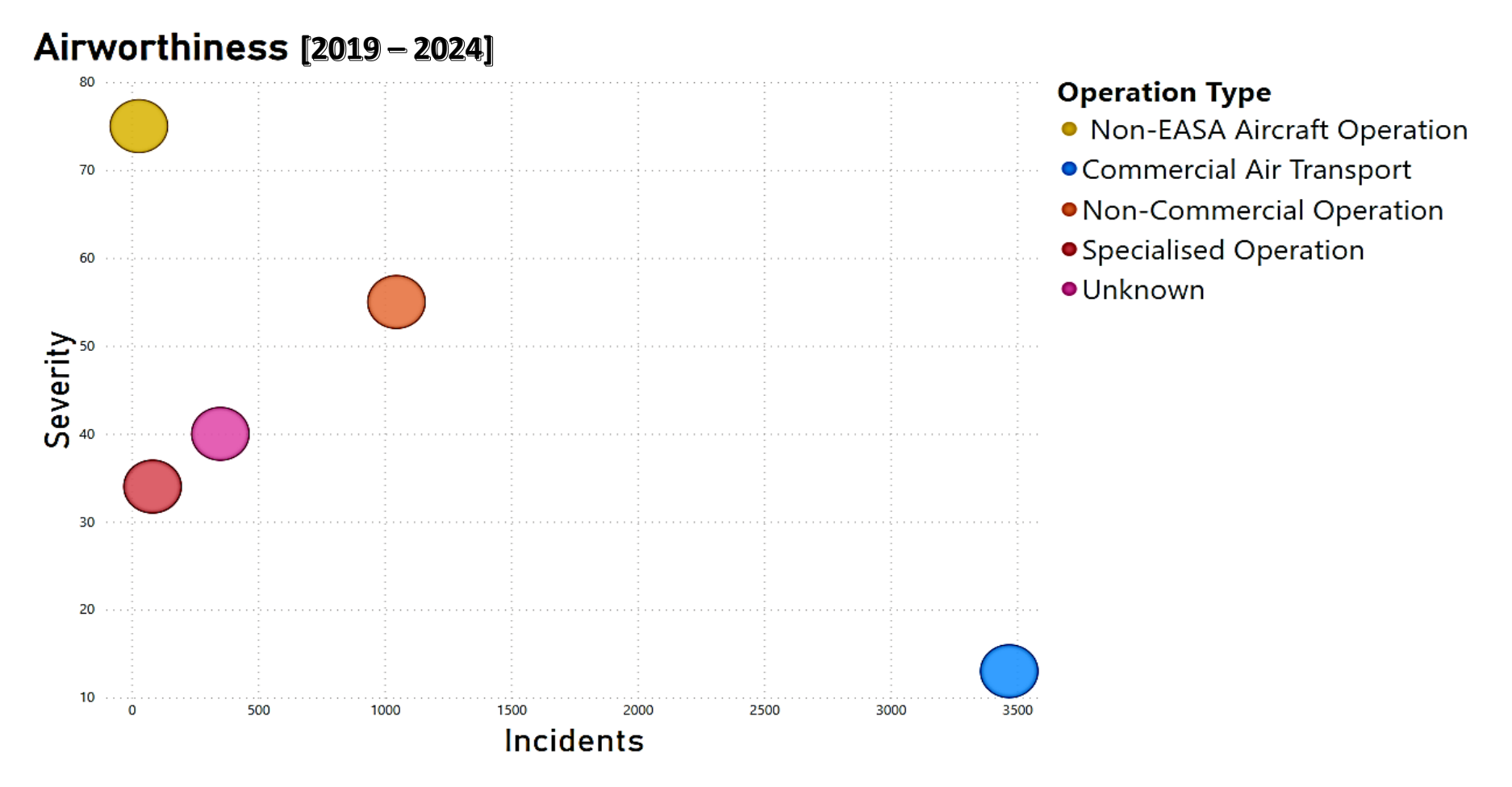


The scope of the airworthiness oversight





Safety Risks Switzerland



Product Certification Projects

Future Avionics Systems

- Autoland
- Cloud Connectivity
- Artificial Intelligence…

Proof of Concept Projects

New Technologies

- ETH-Focus projects…

Rule Making Projects

Current Swiss Law

Swiss Aircraft Register (LFG Art. 52)

- Foreign aircraft owners cannot be entered in the Swiss Aircraft Register in principle
- Foreign owners must be resident in Switzerland and foreign companies must have their registered office in Switzerland

Exception commercial aviation (AOC) (LFV Art. 3 para. 2)

- Foreign owners (Bank X as lessor) and Swiss operator (airline Y based in CH) with aircraft Ops ≥ 6 months

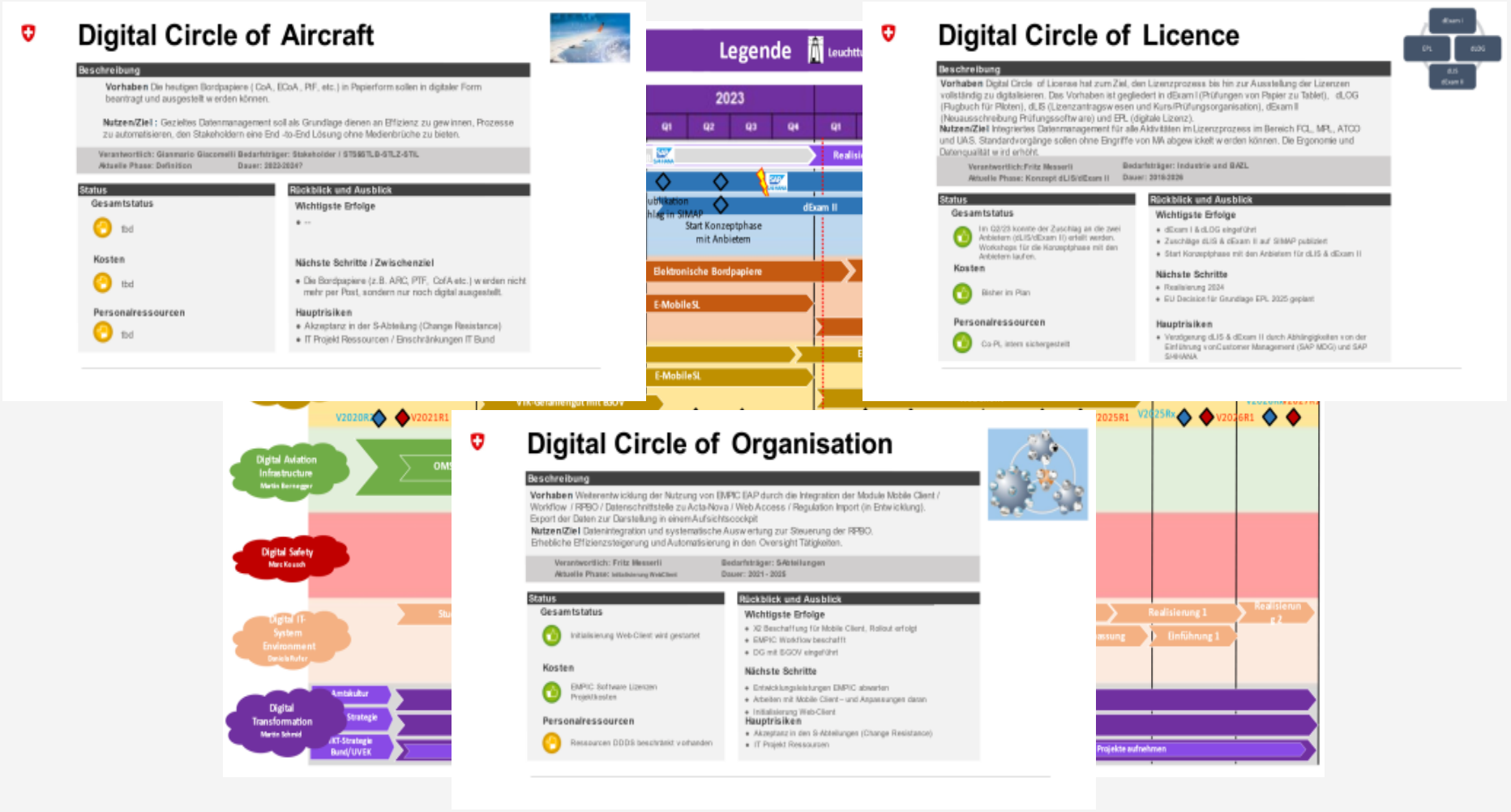
Rule Making Projects

Future Swiss Law

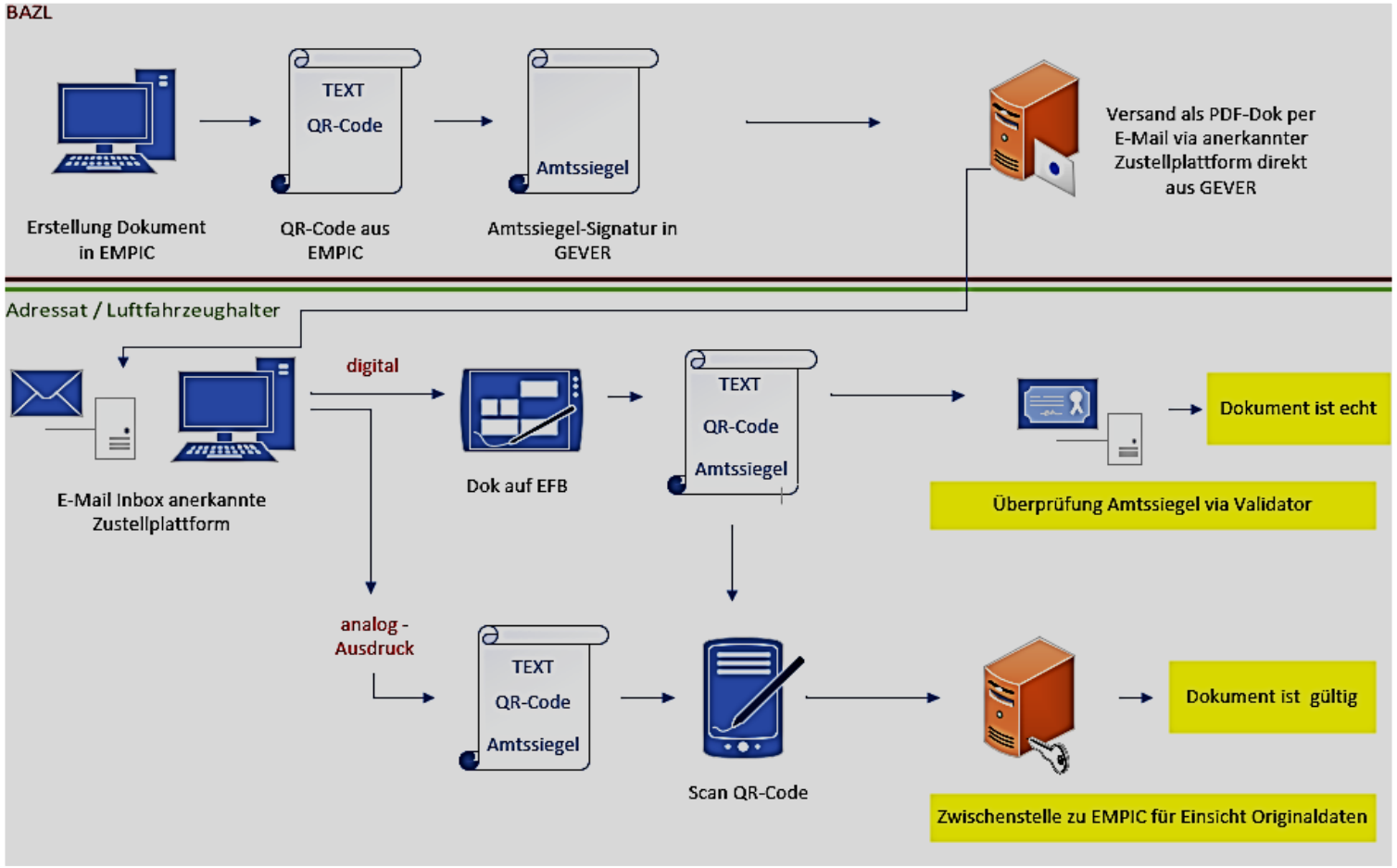
Exception ~~commercial aviation (AOC)~~ (LFV Art. 3 para. 2)

- Extension to "non-commercially" operated jet aircrafts (NCC)
- Operator based in CH
- A/C Ops predominantly from CH

Digitalisation Projects



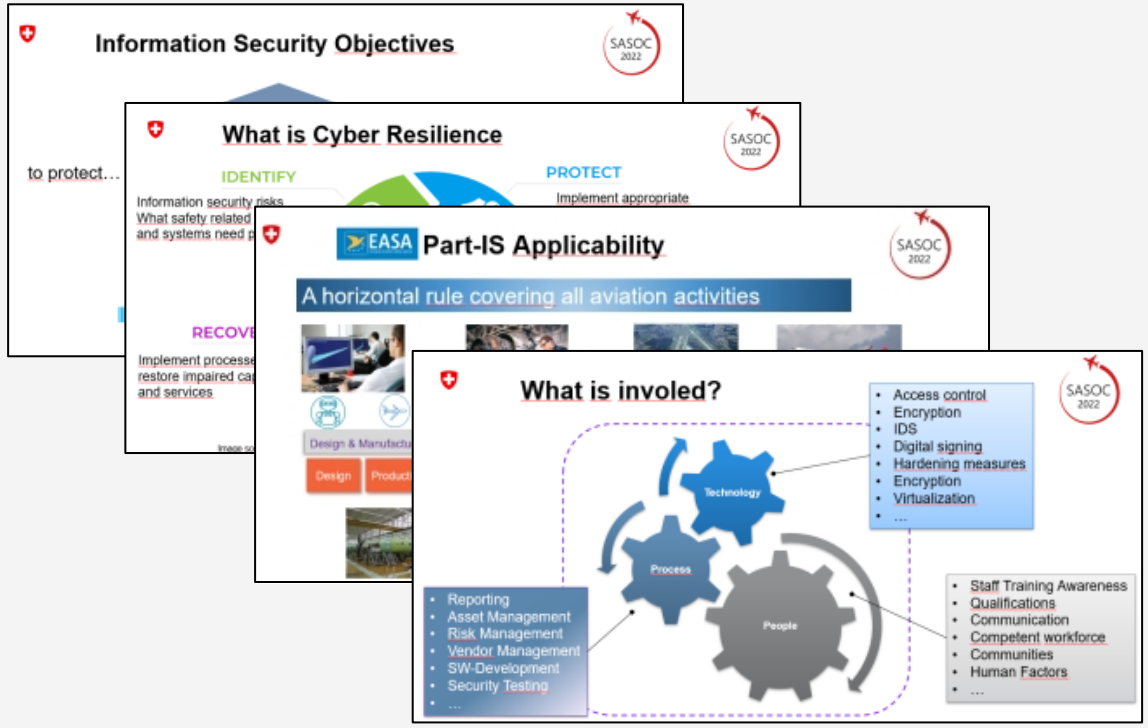
Digital Aircraft Documents



Update on EASA Part-IS

The management of information security risks with a potential impact on aviation safety

Recap from SASOC 2022



- Information Security Objectives
- Cyber Resilience
- People, Processes and Technology
- Introduction to Part-IS

If you missed the conference in 2022, you may watch the recording here. Part-IS presentation starts at 01:35:20

YouTube [Swiss Aviation Safety and Operations Conference 2022]

The Regulations

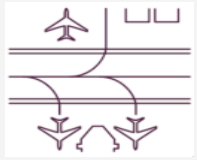
- Different scope
- Different applicability date
- Identical objective
- Common Rule

Delegated Regulation (EU) 2022/1645

Design Organisation

Production Organisation

Aerodrome Operators


Apron Management Service Provider

Ground Handling Service
Opinion No 01/2024

Implementing Regulation (EU) 2023/203

Competent Authority

Maintenance and CAMO Organisations

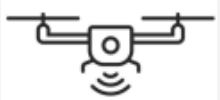
Air Operators

Approved Training Organisations

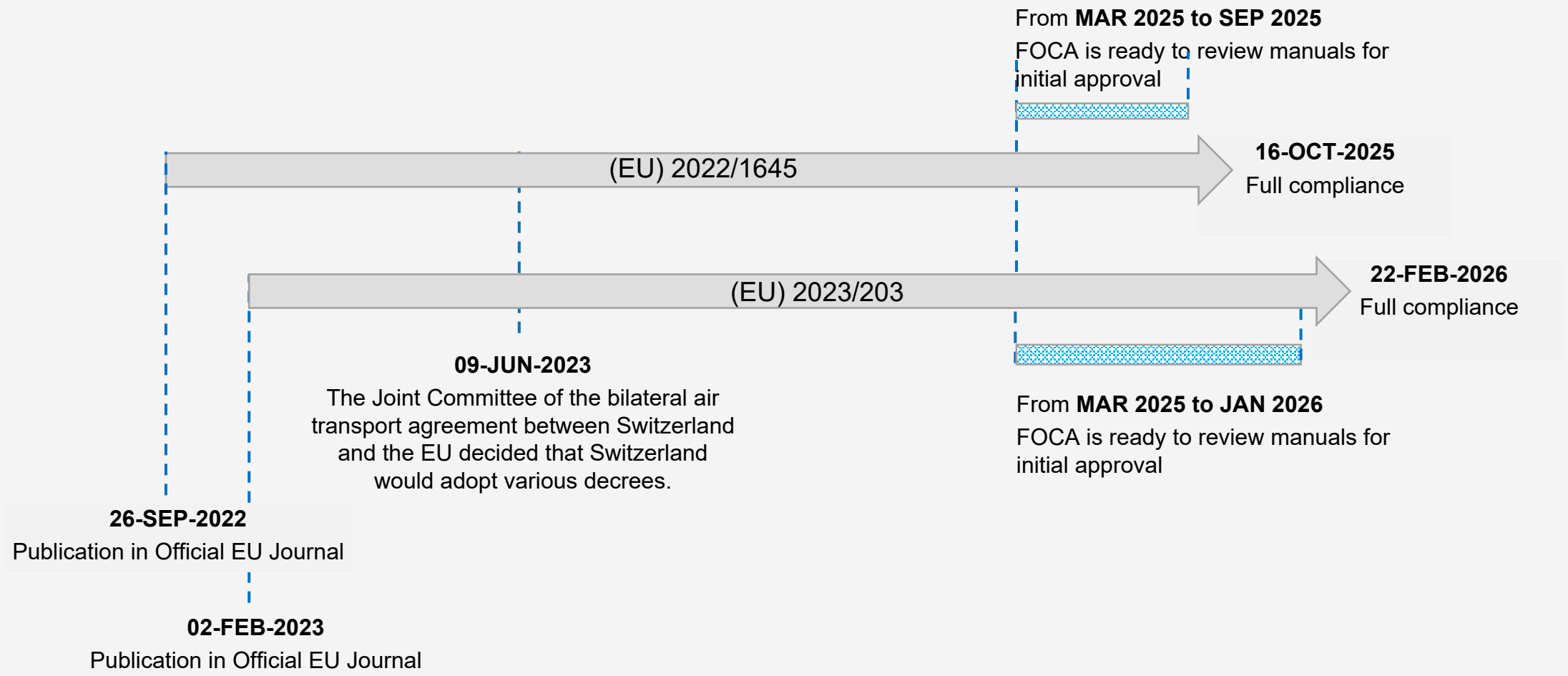
Aero Medical Centers

ATCO
ATCO TO

FSTD Operators


USSP

Part-IS Timeline and Transition Period



Derogation

- IS.I/D.OR.200 (e) aloes organisation to request derogation to FOCA
- Requests for derogation individually per organization
- Evidence for derogation based on documented risk assessment
- Risk assessment shows no potential safety impact
- The authority determines acceptable evidence for granting derogations

Save the date

- Connect, share and grow with peers dedicated to advancing cybersecurity in aviation.
- A gateway to mastering the details of Part-IS, with a focus on lessons learned and experiences shared from early implementation efforts by pioneering organisations.
- Tailored specifically to aviation organisations, operators and competent authorities, this workshop is a great opportunity for aviation professionals.

Part-IS Implementation Workshop 2024 - On-site event