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



# Safety Flight Operations

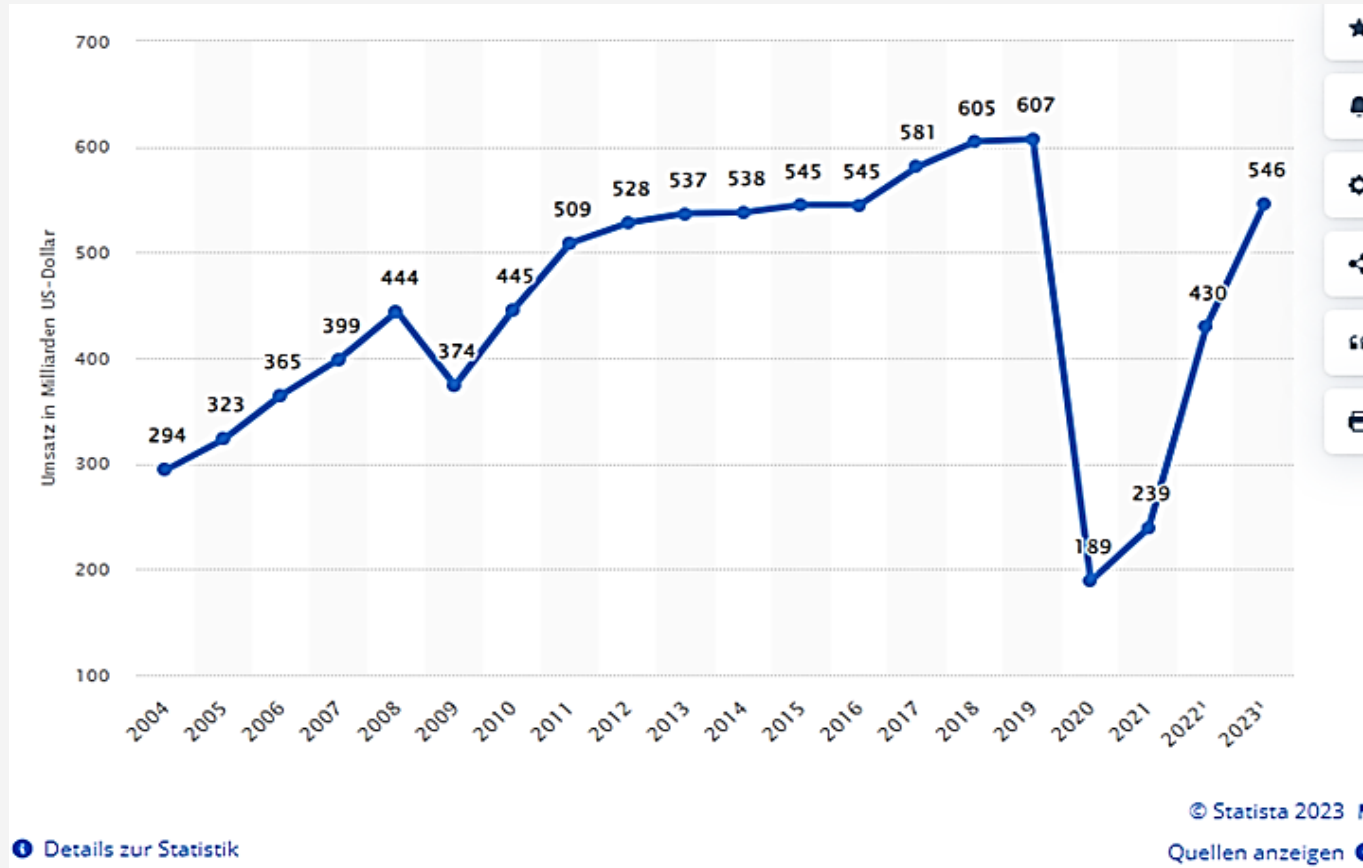
Fritz Messerli, FOCA, Division Safety Flight Operations  
03 May 2024, Zentrum Paul Klee (ZPK) Bern



# Recovery after Pandemic Crisis



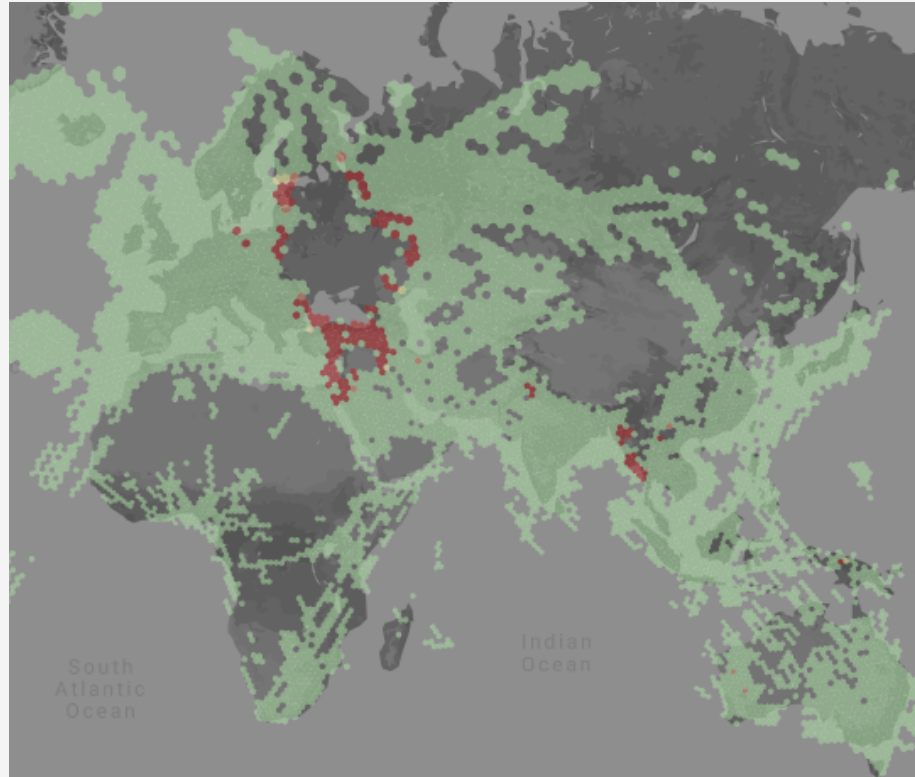
Turnover PAX Traffic IATA Carriers



- Much faster than expected
- Main Issue: Capacity
- Resilient Operations
- Economic Recovery
- Post Pandemic Analysis



# New Challenges – Regional conflicts



GPS Jamming Map March 21,2024, FR24

- Security and Safety affected
- Need for robust back-up procedures
- New unexpected threats
- Regional military conflicts = long-term trend for coming decades

# Flight Operations in Switzerland





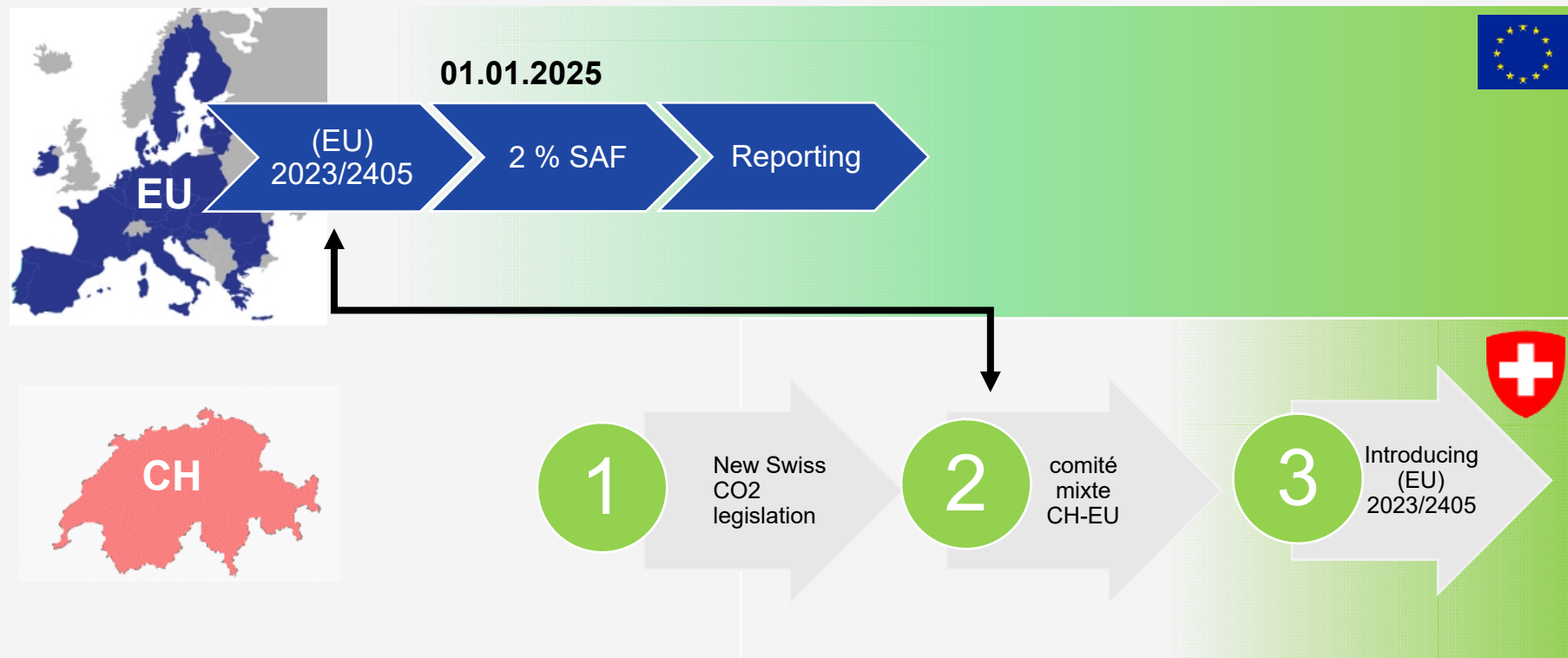
# Upcoming Regulation affecting Flight Ops



- Less fuel burn is good in terms of environment and economics
- Little fuel in the tank is a safety concern
- Change to unleaded AVGAS fuel for small aircraft



# Upcoming Regulation affecting Flight Ops





# Upcoming Regulation affecting Flight Ops



- FOCA implementation project
- Pragmatic approach
- Derogation and derogation criteria
- Focus aviation safety
- “commercial” information security out of scope (subject to company policy)



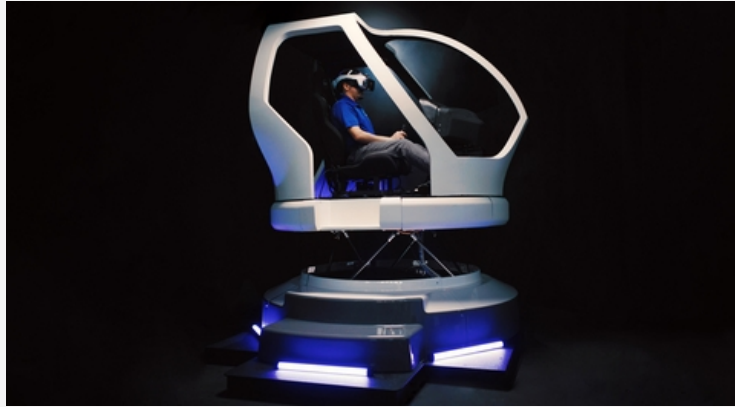
# Safety Oversight



- Digital Licensing Information System (dLIS)
- Rollout 2025
- Web Access Portal
- Integrated Licensing Processes for Flight Crew and Maintenance Personnel
- Coordinated Management System Oversight



# Technology Evolution



- Fast evolution of virtual reality technologies
- New opportunities in all areas of aviation training
- Reduced training device cost



- Numerous VTOL capable aircraft projects
- Challenging path to certification



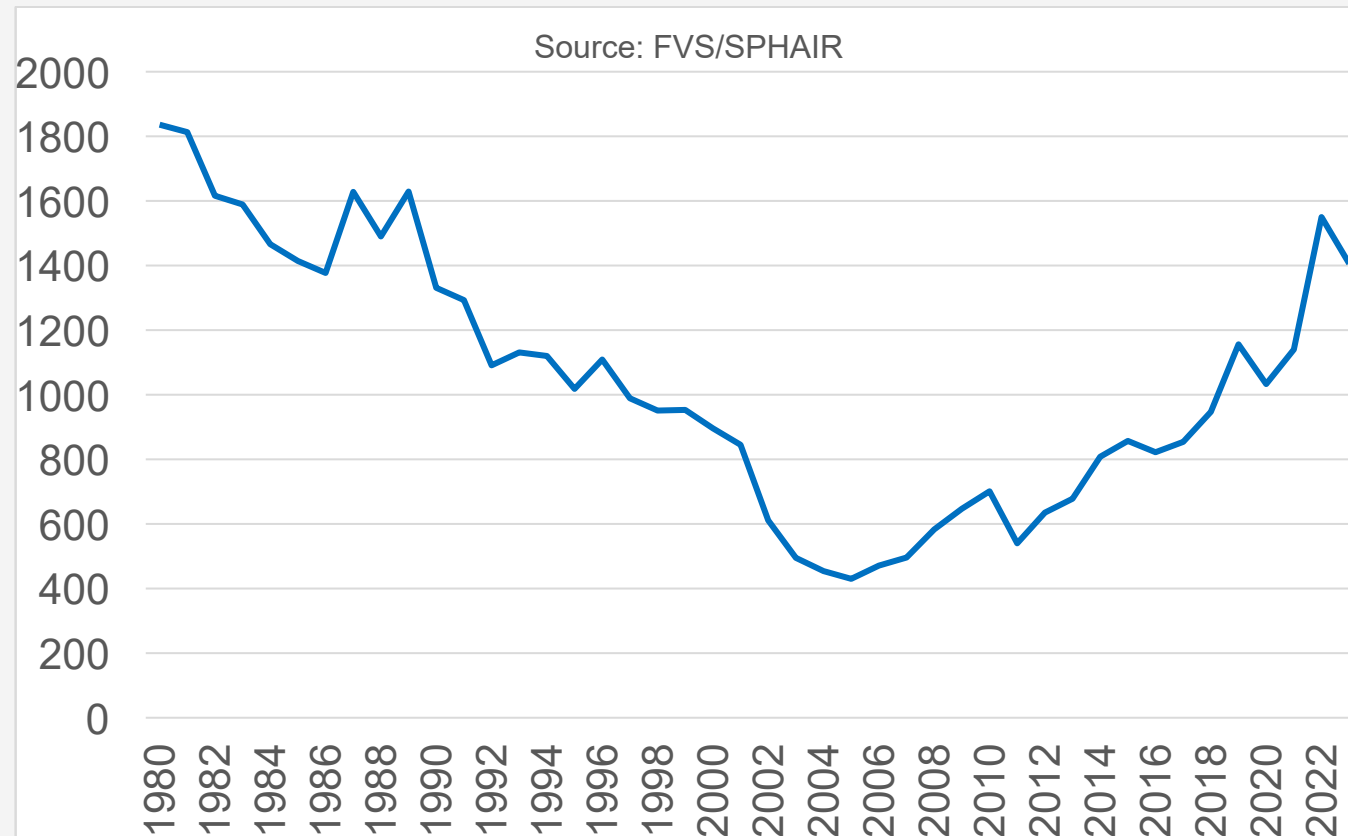
- Reduced crew operations (multi pilot aircraft) rule making process
- Safety as main concern



# Future Generation of Aviators



## Registrations for initial aeronautical training (CH)



- Potential for future development of Swiss Aviation Industry
- New generation = new mindset
- «Digital natives»
- Recruitment and training concepts change