

Modern and Sustainable Training Solutions

EATS 2021 Rebuilding a Better Airlines Training System - Pilot Conference Session 3

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Working for sustainable aviation.

Your safety is our mission.

2020 What a year...in terms of innovations

- Blanket Exemptions
- Various EASA Guidelines
- Monitoring and support activities
 - Frequent Webex meetings with ICAO, NAAs and Industry
 - Remote oversight
 - Webinars
- Return to Normal Operations Program
 - Enhanced safety risk analysis
 - Increased Safety Promotion activities

Rulemaking Focus -> 2022

- Adequate supply of competent instructors
- Evidence Based Training (EBT) phase 2
- FSTD capability signature (FCS)
- FSTD special conditions (SC)
- Digital pilot licensing (dLAP)
- ICAO Personnel Training & Licensing Panel



Rulemaking Focus – FSTD FCS Concept

- Training needs to drive FSTD capabilities needed
- Better fit between training task and device used
- Distinguish between ‘Training’ versus ‘Training to Proficiency’
- FSTD capabilities to be clarified and standardised
- Training providers to reshape typical training footprint with less FFS and more other FSTDs



Roadmap FCS Concept 2021->2025



2021-2023

Phase 1 – Development

Aeroplane and Helicopter type ratings and operator training

In 2021-2023 - Proof of concept, additional focussed consultations

Opinion in 2022



Phase 2 – Implementation

Transition and applicability 2024 & 2025

Support and training NAAs and Industry

EASA qualifies first Virtual Reality (VR) based FSTD

- High-resolution 3D Robinson 22 helicopter visual display replica with motion platform
- EASA evaluation confirmed the VR concept suitable for safe transfer of training
- **FSTD Special Conditions** developed to enable the qualification and **ensure an equivalent safety level**
- Promote the use of simulators for high-risk training exercises as part of the EASA Rotorcraft Safety Roadmap



Sustainable Aviation Programme



- Promote and develop eco-friendly, -aware and -responsible pilot training organisations
- Introduce environmental sustainability & awareness into existing pilot training courses
- Launch research study to optimize environmentally sustainable allocation of training media (aircraft vs. FSTDs) in pilot training



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Questions

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