

# APATS 2024 - Singapore

## Ongoing Rulemaking Activities to Enhance Training

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**Your safety is our mission.**

# The EU regulatory approach

**Volume I** provides the executive summary, the introduction, information on the operational context and sets out the strategic priorities.



# The EU regulatory approach



- Volume II contains the detailed list and description of all EPAS actions.
- Volume III provides the overview of the main safety risks affecting the European aviation system and underlying safety issues.
- The EPAS covers a 3-year time frame (EPAS ‘reference period’).

# Aircrew priorities

- **RMT.0194** ‘Modernisation and simplification of the European pilot licensing and training system and improvement of the supply of competent flight instructors’.
- **RMT.0196** Increase availability of and access to Flight Simulation Training Devices (FSTD) as well as foster greater use of “VR” training solutions

# Aircrew priorities - RMT.0194



Review of provisions for examiners and instructors (Subparts J and K of Part-FCL)' was launched on 18 July 2016.

Subpart J - RMT.0194:

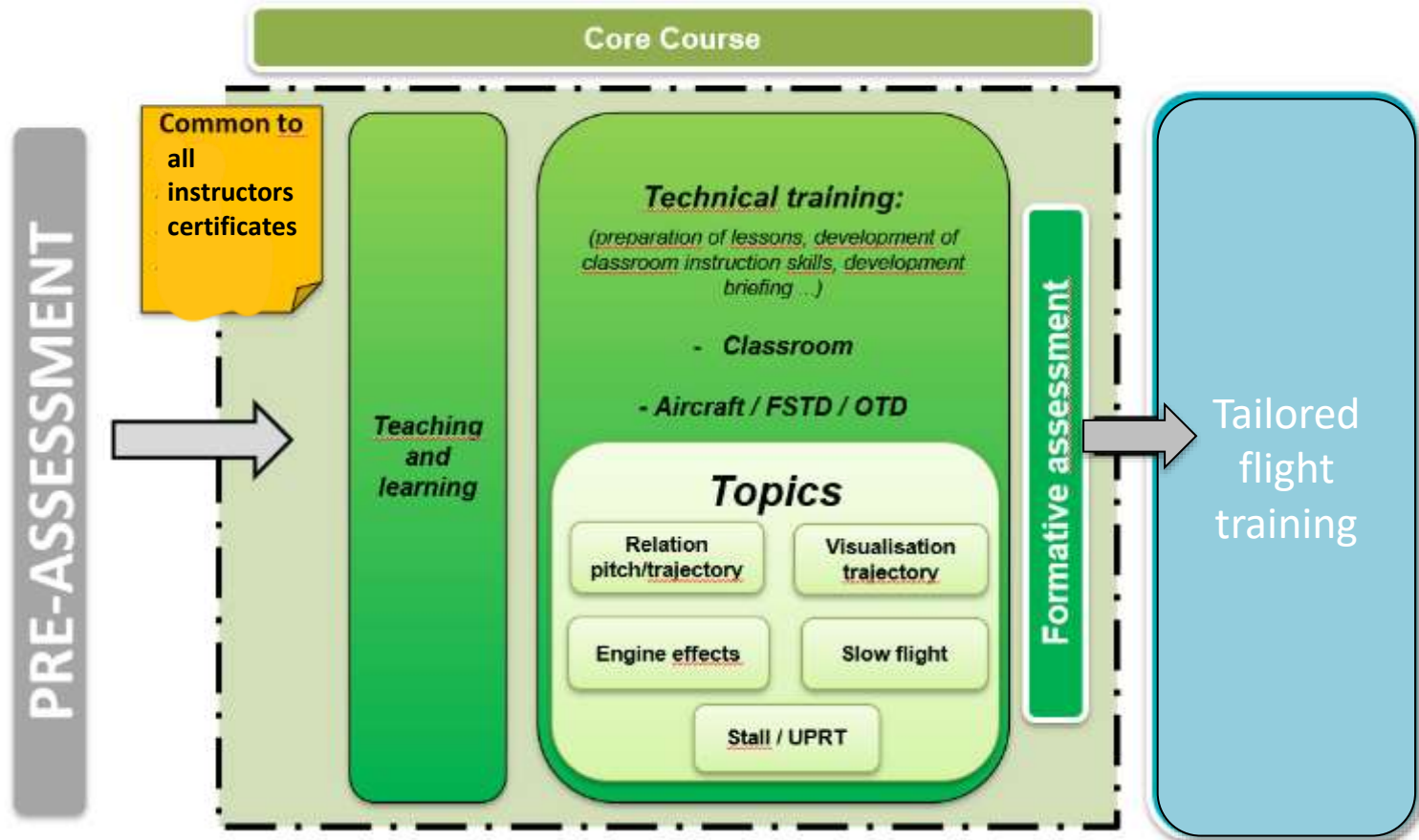
- Subtask 1: Improving the supply of **competent flight instructors**;
- Subtask 2: **Modernising and simplifying** the European pilot licensing and training system

# Aircrew priorities - RMT.0194 subtask 1

- Review CPL learning objectives
- Reduce the level of complexity of the instructors certification
- Modernise the training system by introducing competency based training starting with the instructor qualification



# Draft proposal - instructors course(s)- WIP



# Aircrew priorities - RMT.0196

EASA, NAAs and industry working towards enabling the ICAO 9625 FCS concept – RMT.0196

- ✓ Strengthen the link between training task and training tool
- ✓ Cater for innovative training tools
- ✓ Enable better standardization of training tools used





# The FCS concept - FSTD Capability Signature

## 14 simulation features

### *Aircraft simulation* features:

1. *Flight Deck Layout And Structure.*
2. *Primary Flight Controls Forces & Hardware*
3. *Primary Flight Controls Systems Operation*
4. *Aircraft Systems*
5. *Performance & Handling - On Ground*
6. *Performance & Handling - In Ground Effect*
7. *Performance & Handling - Out Of Ground Effect*

### *Cueing simulation* features:

1. *Sound Cues*
2. *Visual Display Cues*
3. *Motion Cues*
4. *Vibration Cues*



### *Environment simulation* features:

1. *Navigation.*
2. *Atmosphere And Weather*
3. *Operating Sites And Terrain*

# FSTD Tailored to Training Needs - Proposal



Now  
TOOL to  
Task



Future  
TASK to  
Tool



# Key points of RMT.0196



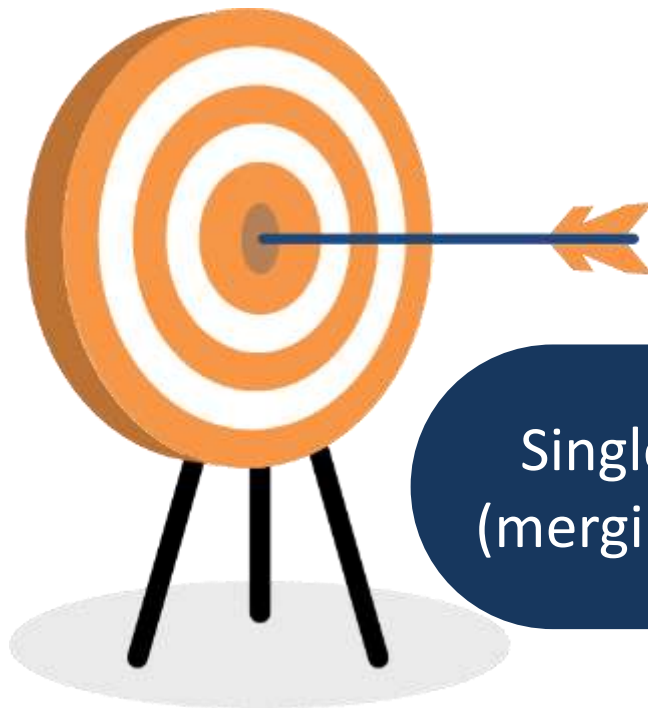
Flexible training solutions



More efficient use of FFS



Wider use of FSTDs other than FFS



Single CS-FSTD  
(merging A and H)

# New technologies (VR, MR etc.) are now operating under Special Conditions and will be introduced in **WP3 from 2026**



***Special conditions (link)***

[FSTD Special Conditions development and assessment process published by EASA | EASA \(europa.eu\)](#)

# Thank you

**Your safety is our mission.**