

EUR.RMT.0024 Improve flight simulation training devices (FSTDs) fidelity

An ICAO harmonisation issue, as the main purpose is to include in the applicable legislation elements from ICAO Doc 9625 for the use of FSTDs in flight training. The task will also address three safety recommendations (SRs) and aims at including results and findings from the loss of control avoidance and recovery training (LOCART) and other working group results. Harmonisation with the Federal Aviation Administration (FAA) should be considered.

Subtask 1 - increase the fidelity of the provisions to support the approach-to-stall training, as well as of the new upset prevention and recovery training (UPRT) requirements

Subtask 2 - The main objective of Work Subtask 2 (SubT 2) is to review the technical requirements for training devices in order to:

- (1) reflect their actual capability and technology advancement in support of introducing the ‘task to tool’ – concept for aeroplanes and helicopters; and*
- (2) to enable special conditions for other categories of aircraft.*

Subtask 3 - The main objective of Subtask (SubT 3) is to enable the crediting of training for flight crew using innovative training technologies, such as virtual reality. Additionally, it is aimed at developing more proportionate requirements for FSTD operators that operate only flight navigation and procedures trainers (FNPTs) and other simulation training tools, and at reviewing the initial qualification process of these FNPTs to transfer the responsibility to the training device manufacturer. Finally, the intention is to develop appropriate standards for new technologies, such as off-board instructor operating stations and secondary motion systems, also considering any special conditions developed in parallel to the rulemaking activity..

Status *ongoing*

Reference(s) EASA Decision 2018/006/R on 03/05/2018 (related to Subtask 1).

Dependencies *GASP Goal 1*
EPAS RMT.0196

Affected stakeholders *Air Operator Certificate Holders i.a.w. ICAO Annex 6, Approved Pilot Training Organisations i.a.w. ICAO Annex 1, DTOs, Pilots, Instructors (Flight Crew) i.a.w. ICAO Annex 1, Examiners (Flight Crew) i.a.w. ICAO Annex 1*

Owner *States/EASA*

EXPECTED OUTPUT

Deliverable(s)	Timeline
<i>Regulatory framework amended – Subtask 1</i>	<i>2023Q2</i>
<i>Regulatory framework amended – Subtask 2</i>	<i>2024</i>
<i>Regulatory framework amended – Subtask 3</i>	<i>2028</i>

CHANGES SINCE LAST EDITION

Subtask 1: Reference to EASA deliverable added. and timeline extended by one year

MONITORING

Monitoring activities	Related SPIs
<i>n/a</i>	<i>n/a</i>