



**EASA**  
European Aviation Safety Agency

# Information Session CS-FSTD(A) Issue 2

Cologne, 29-30 Nov 2018

**Your safety is our mission.**

An agency of the European Union 



# EASA RMT.0196 Update to CS-FSTD(A) Issue 2

## SUMMARY

EASA has aimed, where possible, to align the technical specifications of CS-FSTD(A) with those of FAA 14 CFR Part 60, Change 2.

The main changes are :

- determine if the FSTDs' capability is appropriate to facilitate UPRT
- create a definition of 'FSTD validation envelope '
- increase the fidelity of the simulation of the engine and airframe icing effects
- addressing aerodynamic modelling for high angle of attack
- objective testing provisions which validate the cruising configuration, as well as the approach and landing configurations
- provide guidance on instructor operating station (IOS) feedback tools



# CS-FSTD(A) Issue 2

## SUMMARY

Updates to Book 1 - Flight Simulation Training Device Standards [**Important**]

Updates to Book 2 – Terminology and Table of FSTD Validation Tests [**Useful info**]

New AMCs and GM

- AMC9 FSTD(A).300 Guidance on upset, stall (including in icing conditions), and qualification of FSTDs [**General information on what has been updated**]
- AMC10 FSTD(A).300 Guidance on high-angle-of-attack/stall model evaluation [**FULL STALL!**]
- AMC11 FSTD(A).300 Guidance on high angle of attack/stall model evaluation, and approach to stall for previously qualified FSTDs [**Applicability to older FSTDs**]
- AMC12 FSTD(A).300 Guidance on upset prevention and recovery training (UPRT) for the FSTD standards table [**ICAO Airplane Upset Prevention & Recovery Training Aid (AUPRTA) Rev 3, February 2017**]
- GM12 FSTD(A).300 Additional guidance on upset prevention and recovery training (UPRT) for the FSTD standards table [**Helpful info the IOS tool set**]
- GM13 FSTD(A).300 Guidance material for engine and airframe icing evaluation provisions [**Helpful info on how to evaluate icing effects – requires additional basic subjective info**]



## **FFS QUALIFIED FOR THE UPSET RECOVERY TRAINING TASK**

FSTDs that are found to meet the requirements of the update as introduced in CS-FSTD(A) Issue 2 will have their Qualification Certificate (QC) amended to reflect the capability for the additional training tasks that the FSTD has been qualified to support Opinion 06/2017



**EASA**  
European Aviation Safety Agency

**Thank you**

**Your safety is our mission.**

An agency of the European Union 