

# Future updates to CS27/29 AMC

**Presentation by:**

Aiko Dühne

**Rotorcraft Structures Workshop**  
18-19 February 2025

**Your safety is our mission.**

# Disclaimer

The content of this presentation is for information purposes only. All information provided is of a general nature only and is not intended to address the circumstances of any particular project, individual or entity. Any time there is a conflict or discrepancy between the information provided in this presentation and information in an official regulation or EASA document, the latter prevails.

Despite every effort to ensure the accuracy of the information provided, it may contain occasional inadvertent inaccuracies or typographical errors. Any error brought to our attention ([vtol@easa.europa.eu](mailto:vtol@easa.europa.eu)) will be promptly corrected. In no event shall EASA be liable for any incidental or consequential damages, even if EASA has been informed of the possibility thereof.

The content may be subject to changes at any time without prior notice. To the maximum extent permitted by law, EASA is not liable (whether in contract, negligence or otherwise) for any loss or damage arising from the use of these materials. The information contained in this presentation should not be construed as legal advice.

All presentation material and other information provided by or on behalf of EASA are furnished on an "as-is" basis, without warranty of any kind, whether express, implied, statutory or otherwise especially as to its quality, reliability, currency, accuracy or fitness for purpose.

Ownership of all copyright and other intellectual property rights contained within the EASA presentation material, including any documentation, data, technical information and know-how provided as part of the presentation, remain vested in EASA. Reproduction is authorised, provided the source is acknowledged, except where otherwise stated. All logos, copyrights, trademarks and registered trademarks in these presentations are the property of their respective owners.

[easa.europa.eu/connect](https://easa.europa.eu/connect)

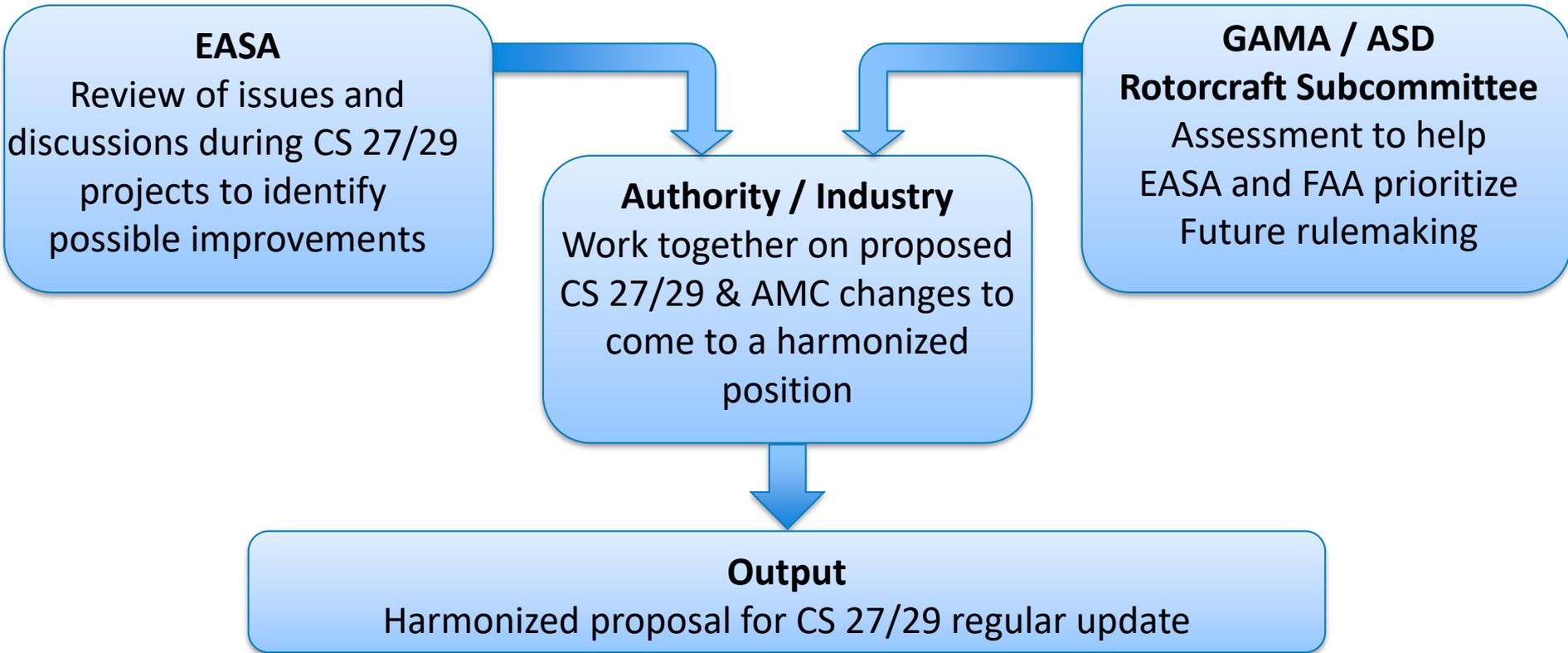


**Your safety is our mission.**

# Content

- Overview
- Proposed updates
  - AMC 27/29.865 External Loads
  - AMC 27/29.307 Proof of Structure
  - AMC 27/29.251 Vibration
  - AMC 27/29.395 Control System

# Rulemaking procedure



# 27/29.865 AMC update

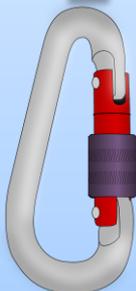
## Operator Harness Attachment (rotorcraft)

Current **20g**  $\leq$  **7g** Future

Should comply to CS27/29.561(b)(3)



Should comply to CS27/29.337-.341 (Not used during TT&L)



Simple PCDS:  
.865 AMC No 2  
UL: M\*7g



No Change

**7g**

## Rescue Triangle

Include rescue triangles iaw. EN 1498 in 27/29.865 AMC No. 2



Current

EN 1497 – **10** x Mg

EN 1498 – **14** x Mg

Future

EN 1497 – **10** x Mg

EN 1498 – **10** x Mg

# 27/29.865 AMC update

AMC guidance for certification cables, synthetic and metallic, based on existing CRI will be introduced in AMC 27/29.865



## HEC-P

AMC guidance for certification of HEC-P (Platform) based on existing CRI will be included in CS 27/29.865



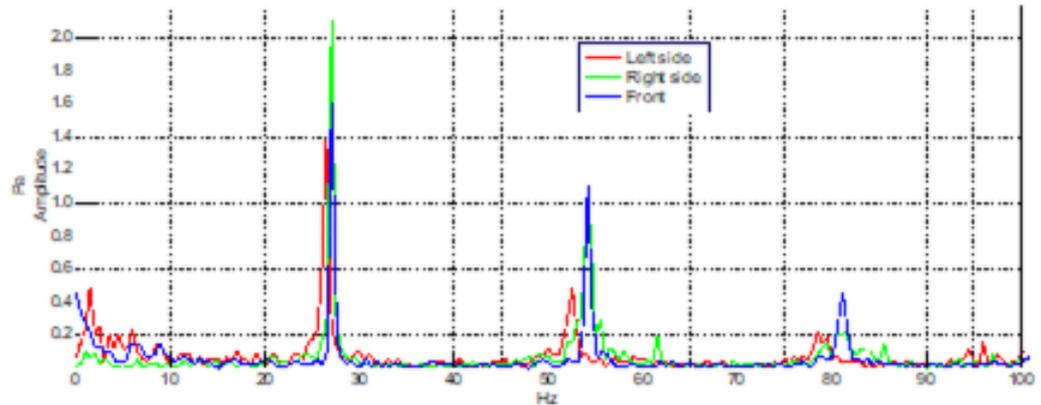
# AMC 3 27/29.307 adapter plate

- The current AMC material is based on CS-25 material.
- Update is needed to include specific examples for rotorcraft



# AMC1 27/29.251 update for clarification

- Provide clarification of the wording regarding equipment installation
- Include a link to CS 27/29.613(c)



[https://www.researchgate.net/figure/Amplitude-frequency-diagram-of-the-measured-noise-in-frequency-range-up-to-100-Hz-S\\_fig4\\_336802193](https://www.researchgate.net/figure/Amplitude-frequency-diagram-of-the-measured-noise-in-frequency-range-up-to-100-Hz-S_fig4_336802193)

# AMC1 27/29.395 update for clarification

→ Providing clarification regarding the applicability of the jamming cases





Join at  
**slido.com**  
**#RSW2025**



[easa.europa.eu/connect](https://easa.europa.eu/connect)



Rotorcraft Structures Workshop 18-19  
February 2025

**Your safety is our mission.**

An Agency of the European Union 

# Thank you for your attention!

[easa.europa.eu/connect](https://easa.europa.eu/connect)



Rotorcraft Structures Workshop 18-19 February 2025

**Your safety is our mission.**

An Agency of the European Union 