



**EASA**  
European Aviation Safety Agency

# ARAC-Rotorcraft Bird strike working group EASA recommendations and rulemaking plan

*Herdrice HERESON-  
Rotorcraft Structures Expert-CT3*

**Rotorcraft & VTOL Structures Workshop**  
19-20 February 2019



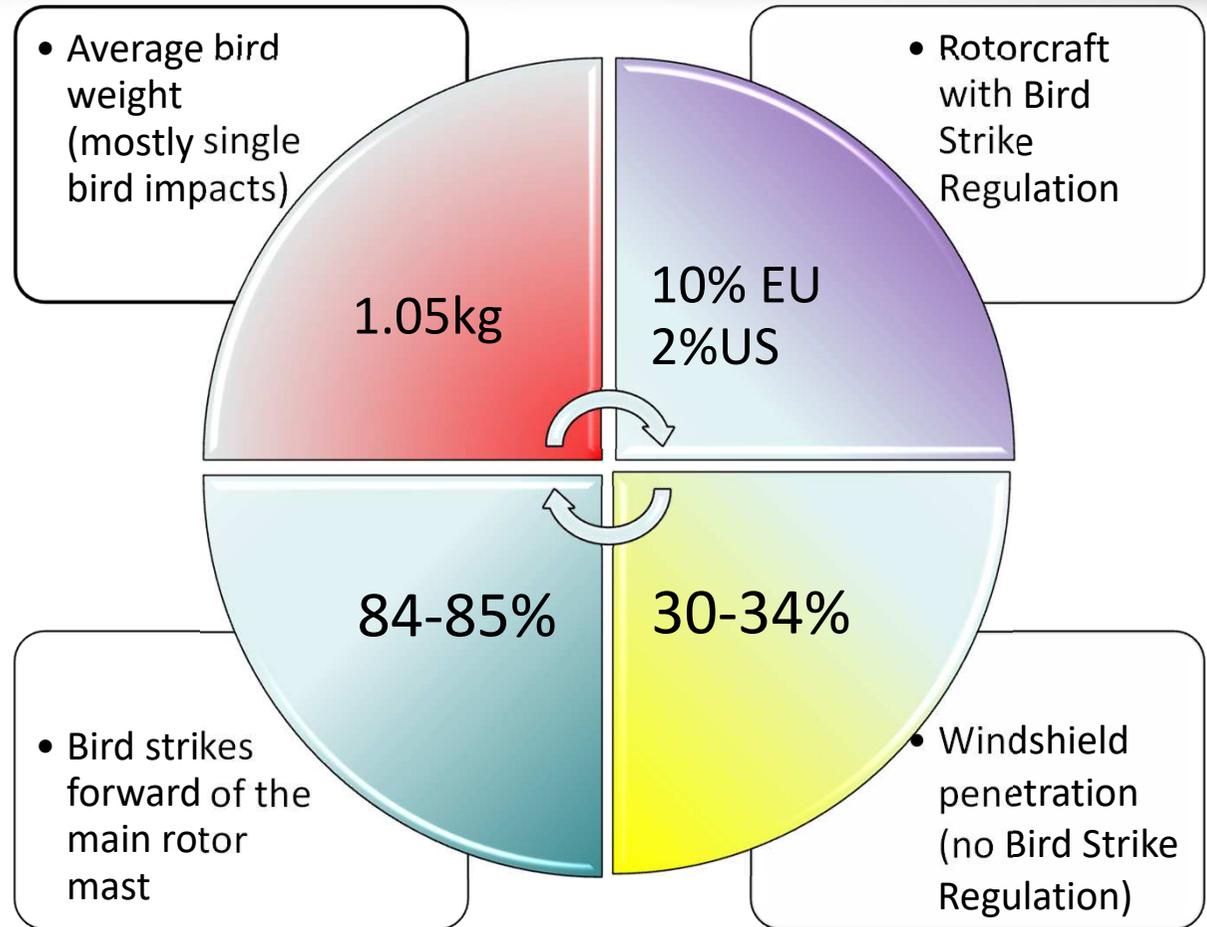
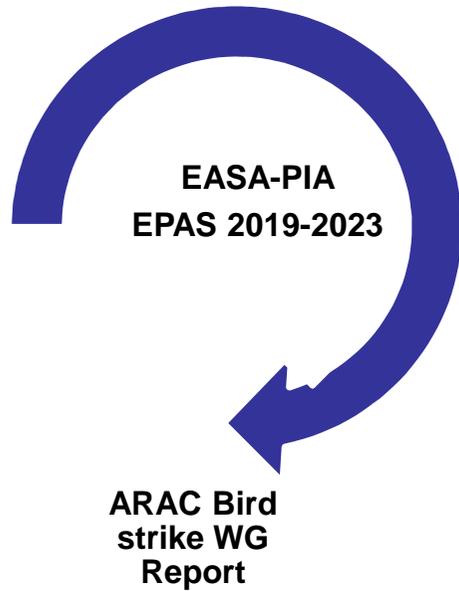


# Bird strike is a primary safety threat on Rotorcraft





# Bird strike on Rotorcraft... some figures





# Draft Plan for 2019-Based on the ARAC report

Incentivise safety of operations

➤ Recommendations

Safety promotion of non-traditional means of bird strike protection to operators

Evaluation by the Rotorcraft Safety Committee

*Applicability: All rotorcraft (TBC)*

Product safety improvement

➤ Rulemaking

CS27.631 Rule to mandate bird strike certified designs (windshield as a minimum).

*Applicability (TBD).*

CS 27/29.631- Retroactive application

Newly manufactured rotorcraft & Existing fleet

*Extend and applicability (TBD).*

**Coordination and harmonisation plan with Airworthiness Authorities (FAA,TCCA..)**



**EASA**  
European Aviation Safety Agency

**Thank you for your attention!**

Any questions....?

**Your safety is our mission.**

An agency of the European Union

