



Introduction

- Current certification approach for composite structures known to be conservative
- Leading to potentially not achieving the full performance of CFRP designed structure.
- Example:
 - Manufacturing damage, extreme BVID damage at day 1, critical location, max design temperatures, max saturation, B-Basis material properties, UL event
 - Probability of all these events combined, scenario << extremely improbable,
- ⇒Beyond what needs to be reasonably considered.

Use probabilistic approach to achieve appropriate safety level.

Presentations

- Bombardier thoughts
- Boeing thoughts
- Airbus thoughts
- Participant experiences + closing remarks



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