



Agenda

- Acknowledgements
- Perspective
- Summary comments
- Immediate action
- Industry needs (Spirit Perspective)



Perspective

- Large Tier 1 supplier to the aviation industry
 - Largest supplier to Boeing and Airbus
- Design, manufacture, test and certify
- Growing use of advanced materials
 - Section 41 on Boeing 787
 - Cab and cabin on CH-53

Summary Comments

- Great work on repair and bonding and surface contamination evaluation
- Good data from the teardowns of the horiz stab and Starship

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Immediate Action

- Investigate shear test methods presented by the University of Utah
- Look at incorporating the modified CV approach into our material testing/qualification

Industry Needs (Spirit Perspective)

- Continue emphasis on repair and bonding
- Industry standards
- Methods to reduce testing required to develop allowables and show compliance to the regulations
- Development of analysis templates for complex problems