DPW-8 & AePW-4

Buffet Working Group



August 19, 2025

aiaabuffet@gmail.com





News and Notes



- The website has been relocated to https://www.aiaa-dpw.org
- Special sessions at SciTech 2027

Test Case 2



Data are due November 1

- Supports mini workshop at SciTech 2026
- It's great if data are preliminary and not finalized
- Slides will be clearly marked as preliminary data
- There will be no accompanying paper

After November 1

- Some will continue with Test Case 2 and submit new or updated data later
- Other individuals/teams will move onto Test Case 3

Grids

- Reminder that grids are in model scale, millimeters
- Some grids are also provided full scale

Test Case 2 Data



Required

- Integrated Forces and Moments
- Surface Cuts
- Time Series of a Single Point
- Custom Grid Metrics (or clear reference to committee-supplied grids; this information must be submitted for inclusion in the ensemble analysis)
- Boundary Layer Profiles (contact Brent to test a beta version)

Optional

- Contour Plots

Test Case 3



- Unsteady CFD with dynamic wing
- Data update from Andrea

Open Discussion







aiaabuffet@gmail.com