

# AIRCRAFT DESIGN & CERTIFICATION





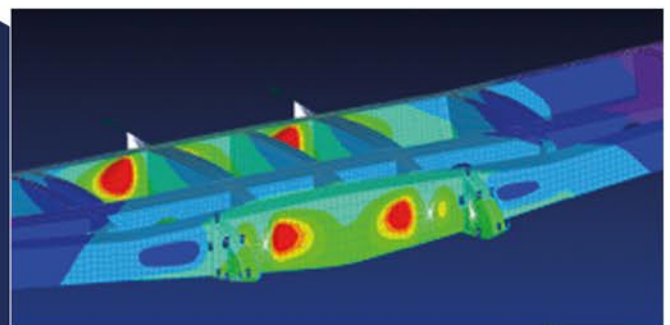
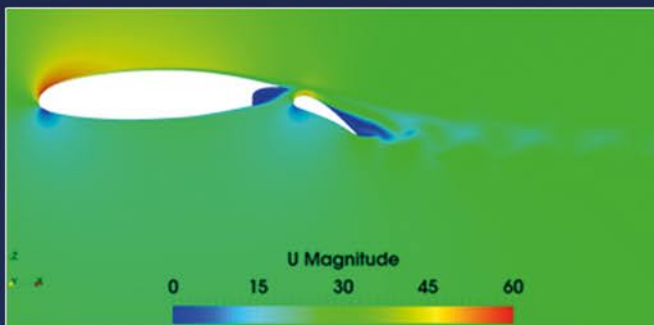
# AIRCRAFT DESIGN & CERTIFICATION





# KEY CAPABILITIES

- **Design, prototype building**, testing of CS-VLA, CS-22 and CS-23 aircraft as a design subcontractor for external aircraft production facilities.
- Aviation design:
  - Structure
  - Electrics / Avionics
  - Systems
  - Mechanics
- Design, testing, certification & Installation of **EASA Minor/ Major Changes (STCs)** on
  - CS-VLA Light aircraft
  - CS-22 Sailplanes
  - CS-23 Small aircraft
  - CS-27 Small rotorcraft
  - CS-29 Large rotorcraft
- **Mission integration** in fixed-wing & helicopter aircraft
  - Mission equipment installation (Cams, Radars, Datalinks...)
  - Avionics configuration changes
  - Aerial sensor system integrations
- Green field **serial production setup** & certification support:
  - PLM System
  - Concept and definition of facility & equipment
  - Production training
  - Innovative production methods
- Large team to design and produce a CS-23 prototype aircraft (including mold set and testing) within **1 year...from first line...to first flight**
- Testing:
  - Full scale structural test bed
  - System test facility
  - Flight testing





Central European Aircraft Design

CEA DESIGN GMBH | FLUGPLATZ 1 | 2542 KOTTINGBRUNN | AUSTRIA/EUROPE  
TEL.: +43 677 63097222 | E-MAIL: OFFICE@CEAD.AT | WWW.CEAD.AT