

AIRCRAFT DESIGN & CERTIFICATION



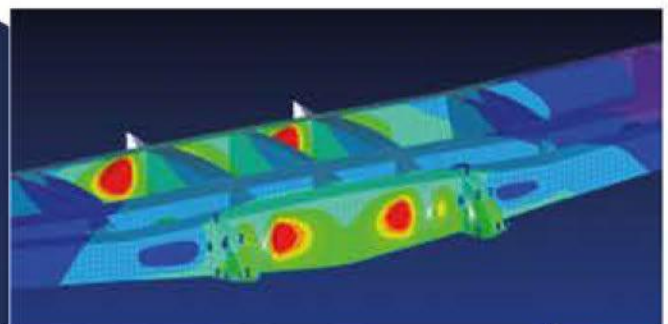
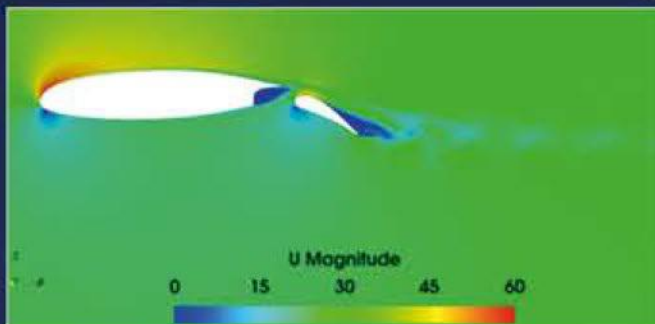
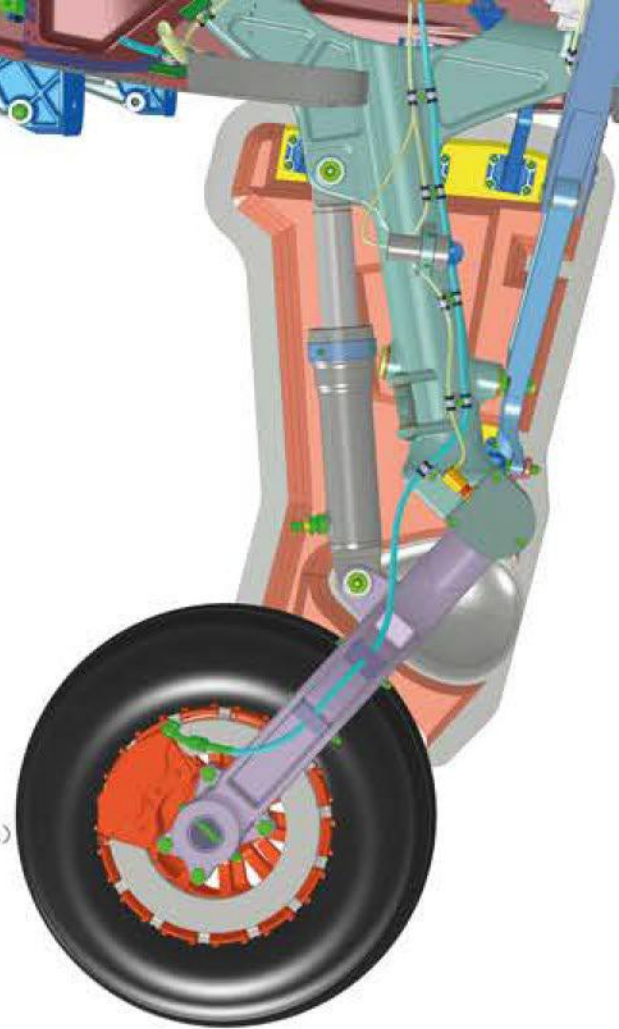
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KEY CAPABILITIES



- **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





 CEAD

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