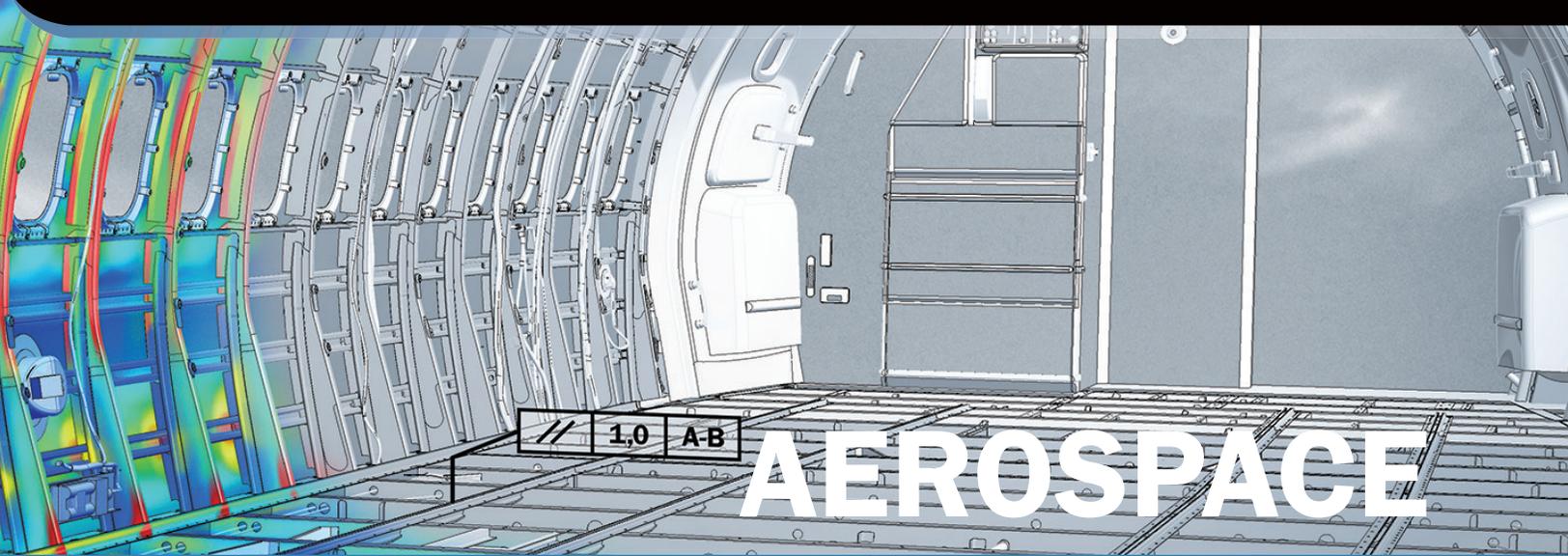


3D. ENGINEERING. DESIGN. SIMULATION.



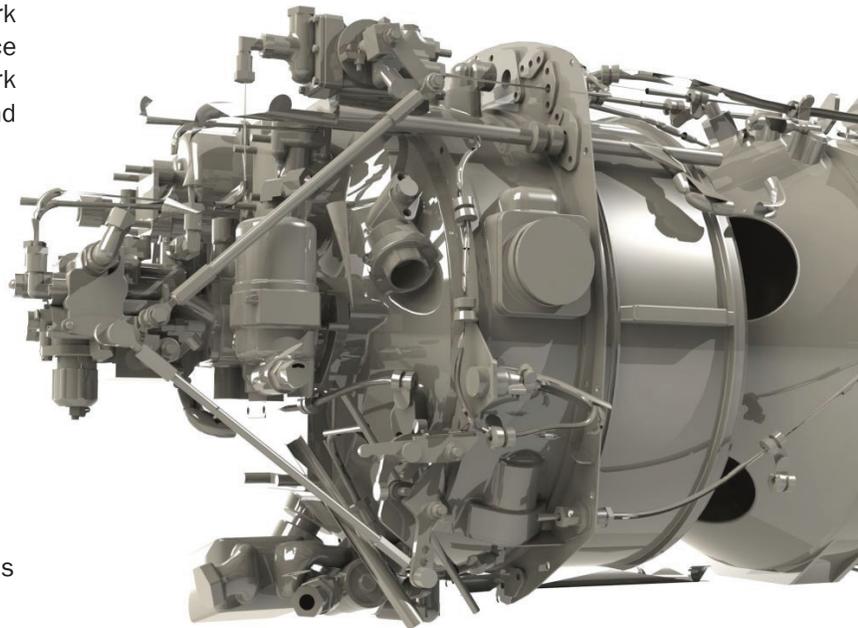
AEROSPACE

Creaform has been involved in projects of all sizes with major players in the aerospace industry for many years, and is committed to address the most difficult requirements. Quickly attaining notoriety within various business circles, our customers count on the effectiveness, efficiency and professionalism of our staff.

DESIGN

For all your needs pertaining to product development and design, 2D drawings and advanced surfacing, engineering and project management, Creaform can help get you started, seamlessly incorporate your complex work structures, or complete a project. We work from our office or from yours, and we take care of your confidential work packages with secure data storage, professionalism and full confidentiality.

- Aircraft components and assembly
- Business jet interiors and furniture
- Fabrication tooling and inspection jigs
- Material and process; flammability coupons
- Complex part nomenclature and methods
- Aircraft and space-bound part design in any major CAD software
- Integration of Creaform resources into project teams
- Prototyping and design reviews



RETROFITTING

Whether you retrofit aircraft with new business interiors or need only a few existing items modified, whether you are modifying cockpits, flight simulators, engine nacelles or satellites, Creaform's Engineering services division can give you an edge when choosing the best possible solutions.

- Retrofitting aircraft interiors
- Retrofitting flight simulator layouts and mechanical systems
- Reverse engineering
- 3D models from 2D drawings
- Instrumentation schematics



SIMULATION

To ensure that your designs comply with all relevant international industry standards, you can count on the rigour of Creaform simulation teams for structural analysis as well as for computational fluid dynamics. Verify your work with us, or trust us to certify our own.

- Structural simulation (FEA)
- Computational fluid dynamics (CFD)
- Dynamic analysis (random vibration, frequency response)
- Explicit solving (drop tests, crash tests, high-velocity impacts, bird strike simulation)
- Non-linear (static, transient, inertial)
- Mechanical fatigue and life prediction analysis

