



Project presentation

Positioning, transport and hoisting fittings



A380 central section



A350 Keel Beam



A400M front section



A350 front section

During the manufacturing, aeronautical subassemblies need to be handled, transported, referenced in the assembly workstations.

The link between the aircraft structures and the logistics and assembly means is ensured by specific tools: **the positioning, transport and hoisting fittings.**

Key elements of the logistic of aeronautical subassemblies, these tools must simultaneously combine precision, for direct mounting on aircraft without damaging it, and strength, to guarantee a good support during assembly and transport phases.

Their design and realization are subject to strict monitoring and complete traceability.

Aeronautical manufacturers using our realisations



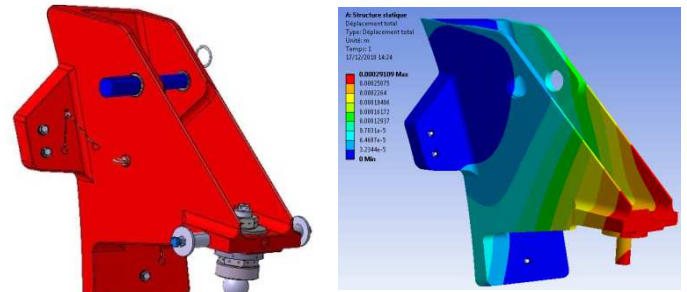


Positioning, transport and hoisting fittings

Services

- 3D design
- FEM calculation
- Drawing documentation & nomenclatures
- Material procurement & machining
- Assembly
- Certification tests
- Manufacturing file by equipment

From design to implementation C3 fitting for A350 front section



Implemented technologies

- Steel and aluminum foundries
- Steel and aluminum welding
- Machining in steel and aluminum cuts
- Mechanical assembly



Managing of full WP

- Fittings and landing gear dummies
- Associated drilling plates
- Boxes and trolley for
- Test benches
- Mounting tools
- Removal tools



Key features

- Managed programs :
 - Airbus A321, A330, A340, A350, A380, A400M
 - Embraer KC 390
- 50 different models designed
 - Weight from 8 Kg to 800 Kg
 - Supported loads from 100 Kg to 20 Tons
 - More than 1 200 fittings in use

