



GLOBAL ENGINEERING GROUP

# AEROSPACE AND DEFENCE DESIGNING TOMORROW'S AEROSPACE SOLUTIONS



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# AEROSPACE AND DEFENCE

## YOUR KEY PARTNER FROM ENGINEERING TO PRODUCTION

### OUR AREAS OF EXPERTISE

#### ENGINEERING

Design, industrialisation, innovation

#### INTEGRATED PRODUCTION SUPPORT

On customer site, on FAL and pre-FAL

#### STRATEGY AND INDUSTRIAL PERFORMANCE

Part tracking, logistics, industrial optimisation

#### TOOLING

Project management, design engineering, calculations, manufacturing, on-site installation

#### PRODUCTION

Sheet metal work, composite machining, welding, NDT, surface treatment, painting, assembly

#### MAINTENANCE

Repair, modification, inspection, testing, painting, airworthiness

### THE SEGULA

-  Involvement throughout the aircraft lifecycle, from design to maintenance
-  Front and back office support available in over 30 countries
-  Research and innovation projects to decarbonise aviation
-  A pioneer in the design and implementation of operational excellence projects
-  Transfer of multi-sector expertise



## REFERENCES / KEY PROJECTS

### Autonomous management of a workstation on the A320 assembly line

- Planning and execution of remaining work (mechanical, electrical, structural and cab)
- Logistics and technical support

### Aircraft cabin fittings for ATR

- Quick hiring of a team of experts
- Assembly of cabin components, from carpets and oxygen masks to seats and doors
- Quality control to guarantee assembly conformity
- Continuous process improvement

### Design and manufacture of the rear fuselage for Latécoère's Honda Jet HA480

- Parts and assembly engineering
- Analysis and validation of fuselage structural constraints (including fatigue and durability constraints)
- Process risk analysis (PRA) to guarantee safety and conformity of the rear fuselage
- Compliance with targets: OTD over 95% and 90% quality on delivered products

### Fire-fighting maintenance for RTE helicopters

- Maintenance and servicing for a special helicopter capable of transporting up to 4,000 litres of water for fire-fighting purposes
- Pre- and post-flight inspections
- Intervention at the base and in flight in the event of an alert
- Anticipation of spare parts orders for maintenance in operational condition



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