

Prototypes Manufacturing

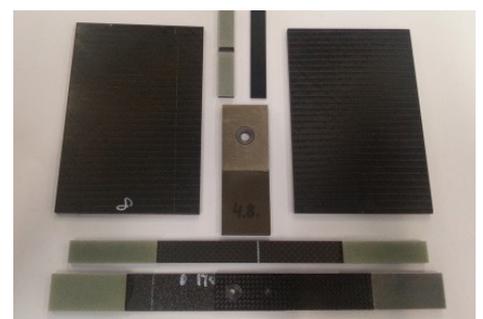
- Pro-active integrated team
- Manufacturing of composites specimens
- On time guaranteed prototype delivery
- Specialists for instrumented sub-components
- CAD - GPAO - SAP supports



Fixed Leading Edge + Wing Box + Actuated Flap for military Wing section anti-icing test



Tooling and part assembly



Standard Composite specimens

Manufacturing and assembly of your hybrid metal/composite specimens or full-scale structures for transportation applications, from preliminary study to serial standard delivery



Wing section prototype

DIFFERENTIATORS

- Proactive team to deliver solutions
- Manufacturing of composites specimens by challenging quality and deadlines
- Specialists in instrumented sub-components for various environments
- On time guaranteed prototype delivery according to your requirements
- Mastery in the use of CAO - GPAO - SAP supports

Manufacturing and assembly of your hybrid metal/composite specimens or full scale structures for transportation applications, from preliminary study to serial standard delivery, with a pro-active mindset, and in respect of the requirement and quality level of your business

SERVICE IDENTIFICATION

LOCATION :

Gosselies – Belgium

EXAMPLES :

- Assembly and set-up of wing sections with hydraulic, deicing systems and slat mechanism for bird impact certification test purpose.
- Specimen manufacturing for R&D and space programs.
- Structural bonding of various type of inserts on satellite sandwich panels.

CUSTOMERS

Airbus, Airbus Defense and Space (Astrium), Bombardier, Dassault Aviation, Embraer, Pilatus, ESA, ...

STATE-OF-THE-ART MAIN FACILITIES

- Prototype Manufacturing: 450 m² [4840 ft²]
- 4 conventional milling machines, up to : 6,50 m [21 ft]
- 1 conventional turning lathe
- 1 marble for Assy and control : 15 m² [160 ft²]
- Direct access to all Sonaca machines processes and expertise

QUALIFICATION

- EN 9100
- ISO 14001

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VALUE STREAM MAPPING

- 1 Pro-active participation to integrated definition team
- 2 Material and assembly standard reception
- 3 Manufacturing of detailed parts
- 4 Assembly tool reception
- 5 Prototype assembly
- 6 Inspection
- 7 Detailed reporting
- 8 On time delivery management

GLOBAL FOOTPRINT

SONACA MONTREAL

- Wing structures
- Manpower: 310

SONACA GROUP HEADQUARTERS

- Engineering - R&D Center
- Elementary parts & Final assy.
- Manpower: 1830



SONACA TRANSYLVANIA

- Opening 2016

SINELSON

- Leading-edge final assy
- Manpower: 50

SOBRAER

- Engineering-Final assy
- Manpower: 280

SOPEÇERO

- Sheet metal parts
- Manpower: 80

PESOLA

- Machined parts
- Manpower: 50