Autoclave inerting under pressure for the fabrication of fuselage parts.

Cleanblast: pre-coating surface blast.

Nitrogen, Carbon dioxide.

Pressure forming:
- Nitrogen
- Argon
- Helium

ARCAL TIG arc welding.

ALNAT vacuum heat treatment of stainless steel and titanium parts.

Nitrogen, Argon, Helium.

LASAL laser welding.

ARCAL TIG arc welding.

Heat treatment of stainless steel and titanium parts.

Alnair neutral atmosphere hot forming.

Tubes for hydraulic control circuit:
- Heat treatment
- Argon

Electric batteries:
- Heat treatment reinforced
- Nitrogen

Oxygen masks:
- Passenger oxygen mask recharge
- Aviator grade oxygen

Carbon-fiber fuselage:
- Autoclave inerting under pressure for the fabrication of fuselage parts
- Argon

Electronic components used in circuits:
- ALNAT equipment, component control testing
- Reflow and wave soldering

Engine pylons:
- ARCAL TIG arc welding

Propane

Engine nacelle:
- ALNAT heat treatment of titanium parts
- Autoclave for composite polymerization
- Tapered paint booth/shop

Nitrogen, Argon, Compressed air.

Landing gear:
- Thermal spray coating
- ALNAT heat treatment
- ARCAL TIG arc welding

Engine:
- LASAL laser welding
- ARCAL TIG arc welding
- ALNAT heat treatment
- Air cooling for test

Tightness testing:
- Quenching circuits
- Pressurized nitrogen
- Fuel tank
- Small circuits undergoing repair
- Helium
- 5% hydrogen in nitrogen

Titanium and aluminum alloy structural elements:
- ALNAT neutral atmosphere hot forming

Carbon brake disks:
- Inflated with nitrogen

Tires and shock absorbers:
- Nitrogen

Electronics components used in circuits:
- ALNAT equipment, component control testing
- Reflow and wave soldering

Extrusion: the act of forming or shaping by forcing a material through a die.

Cleanblast: the blasting of CO2 pellets onto a surface to clean or scour it.

FABRICATION/MANUFACTURING PROCESSES:
- TIG arc welding: an arc welding process with a non-consumable electrode.
- Thermal treatment: a family of processes that use cooling and heating to improve the mechanical properties of a metallic part.
- Hot forming: a manufacturing process that consists of deforming and re-forming a solid material under controlled conditions.
- Polymerization: A chemical reaction to permanently solidify a material (irreversibly).
- Extrusion: the act of forming or shaping by forcing a material through a die.
- Cleanblast: the blasting of CO2 pellets onto a surface to clean or scour it.

Thermal treatment:
- ALNAT vacuum heat treatment of stainless steel and titanium parts
- Argon

Bolting, rivets:
- Heat treatment of stainless steel and titanium

Air cooling for test.

Heating circuits:
- Fuel tank
- Small circuits undergoing repair
- Undergoing repair
- Pressurized nitrogen
- Helium
- 5% hydrogen in nitrogen