



CNCproFAB®

QUALITY SUPPORT TO THE HELICOPTER INDUSTRY



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About Us

CNCproFAB® was born with one purpose in mind, become a revolution into the Helicopter Industry. It was established in 2015 as a personal project by its founder M.E.A a designer and manufacturer by vocation and an experienced helicopter engineer. CNCproFAB® is the amalgamation of these two worlds.

Thanks to our creative innovations and developed technologies, we are changing the previously established. With years of experience in the helicopter industry, we understand the challenges that a team faces every day to meet deadlines with the highest safety standards.

We put all our effort to develop products and services that adapt perfectly to the way of working in aviation maintenance, providing safety, ergonomics and maximum durability.

Our Philosophy is based on giving the best support to the aviation industry with *Passion, Involvement, Learning Culture, Resilience and Team-Working.*

“We speak aviation. We build aviation”

Products & Services

CNCproFAB® designs & manufactures mechanical ground support equipment, tooling and packing solutions set aside for rotorcraft M.R.O, engines and auxiliary workshops.

We can manufacture on-demand with very short delivery time.

Our factory is constantly increasing its manufacturing capacity with the advantage of the “**Know-how**” acquired over many years. We simply understand the technicians´ point of view and we manufacture in order to achieve technical improvements for your team in the workshop and therefore provide **efficiency** and **safety** in the process.

GSE

- State of the art maintenance access solutions.

Work platforms, stands, ladders.

- Mechanical GSE for rotorcraft MRO, engines and auxiliary workshops.

- Workshop and store organization solutions.

Stands, cabinets, workbenches, cowling racks, blade racks.

TOOLING

- Custom design and manufacture of specific helicopter tools.

Airbus, Leonardo, Bell, Sikorsky.

- FOD control solutions.

Shadow boards.

- Aviation tool kits.

Trolleys, wall panels, service cars

PACKING

- Packaging solutions for aircraft, components, tools and equipment for transportation or storage.

Aircraft packing for sea transport.
Blades packing.
Gearboxes packing
Engines packing

Manufacturing Capabilities

- Design & Programing
- CNC Milling & Turning
 - CNC press brake
 - CNC plasma cutting
- Steel, Aluminium & Titanium welding
- Laser cutting & engraved
- 3D Scanning and Printing
- Mechanical assembly

Workshop GSE

-Maintenance access

Working safely at the appropriate height at the side of the helicopter, with plenty of room, electrical and pneumatic power supplies and all your tools nearby is just PRODUCTIVE.

Our design team has collated straight from the workshop floor every need that a working team experience during regular maintenance stops and converted them into the most versatile work platforms on the market today.

This has been an intensive 3D CAD Design work from the ground up until the manufacture process in order to ensure at the highest level the quality and to meet customer requirements. We offer a wide range of height adjustable work platforms.



Rendered PRO Tail-Platform



PRO Tail-Platform



PRO Tail-Platform "in situ"

Once the helicopter is lifted, a robust and safety structure must be used to ensure technicians' lives. For that reason we have in-house developed Tripod Jacks with the maximum attention to detail, offering strength and durability over time.



PRO Tripod Jacks



PRO Tripod Jacks "in situ"

-Workshop organization

We provide a wide range of workshop furniture solutions to improve the organization of the workshop.



Blades Rack



Mobile Tool Wall



Stand for Sheet Metal Workshop



Special Tool Racks



Cowling Rack

-Mechanical GSE

We design and manufacture ground support and maintenance support equipment.
"Our GSE products last forever"



Super Folding Towbar



H-225/332 Towbar



Makila Stand



Tire Inflation Safety Cage



Helitow-cart



TM Makila Stand



H-225/332 Convertible Dolly



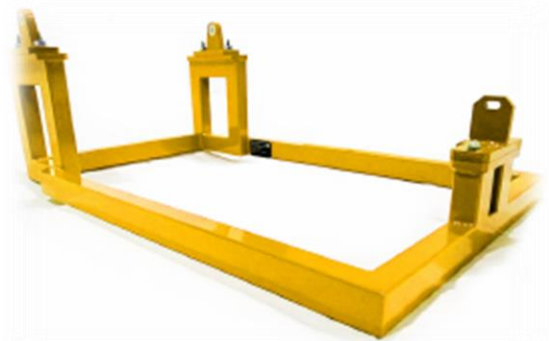
H-225/332 Servo Stand



H-225/332 Intern-box Stand



TM Engine Hoisting Bar



TM Arriel Engine Stand

Tooling

"Designed with passion and dedication"

If there is something that distinguishes CNCproFAB® is our attention to detail. We are proud to offer a wide range of tools, manufactured following the highest quality standards.



Fan Power Take Off Ring Extractor



Ext, Seal Holder Fan D



Extractor, MRA



Lock Washer Exchange



Fuel System Blow-Off Pipe



Seal Extractor



Pad, Jacking Nose L/G



Pad, Jacking Main L/G



MGB Support



Ball Assy Jacking



Drift, Mount, Fan Drive Bush



Extractor

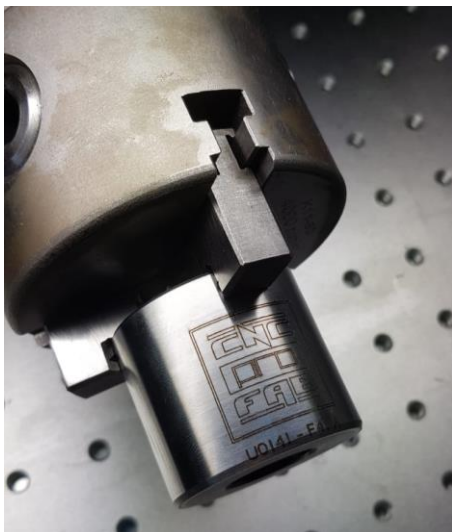


Extractor Axle Joint BTP



Pad, Jacking Main L/G

Engrave your tools permanently with our Laser Engraving technologies



Laser engraved S/N & P/N



Laser engraved Logo

Packing

We are specialised in large packaging for aircraft and components.
We strictly follow the manufacturer's instructions and use approved materials.



H-135 sea transport rack



Preparation for transport B-412



Transport fitting



Taking the H-135 out of the container



Tail boom frame

Besides tooling, CNCproFAB® provides custom made ATA foams in order to optimize quality and minimize maintenance times, everything in perfect order and harmony.



Special tooling foam



Commercial tooling foam

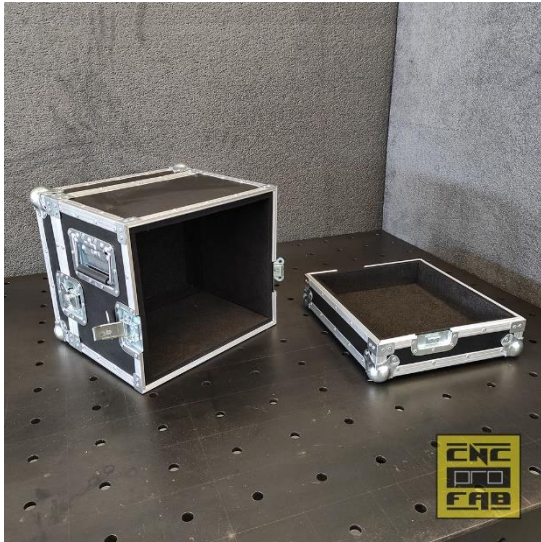


Engraved tooling kit foam

Unbreakable flightcases for your expensive equipment, waterproof containers, storage and preservation solutions.



H-135/145 MR Blades container



Custom Flightcase



Customized tool kits

3D Scanning

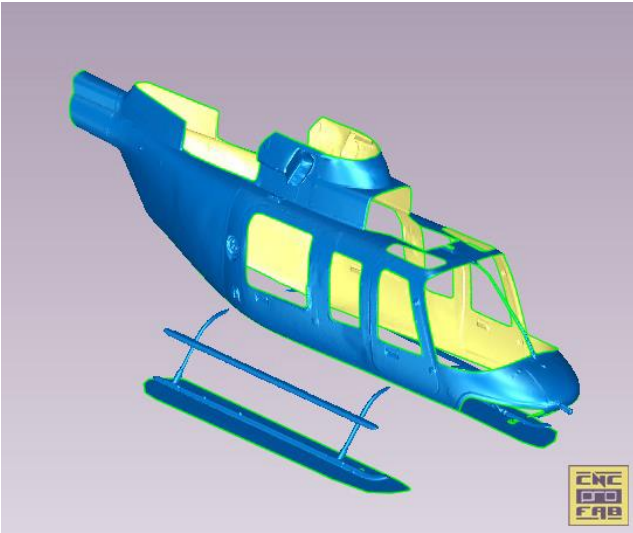
An important factor for CNCproFAB® has always been to have cutting-edge technologies to develop products that meet our own expectations and those of our customers. With our experience in the 3D Scanning field, we are able to offer an infinity of products that can be manufactured faithful to the geometries and designs required.



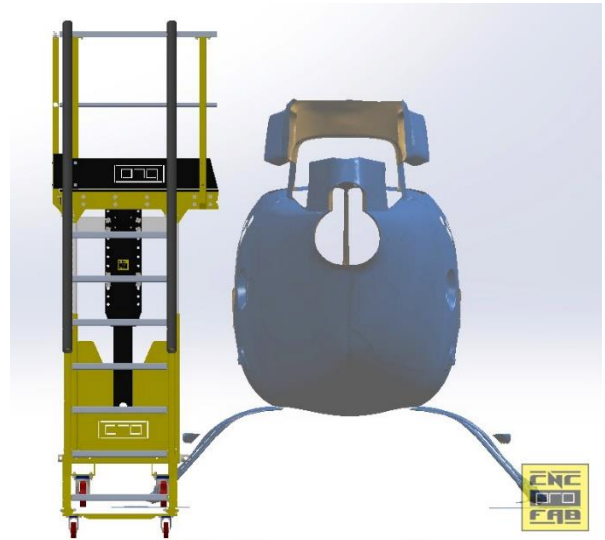
Bell 407 3D Scanning Process



Longitudinal adjustment of PRO-Platform in Bell 407



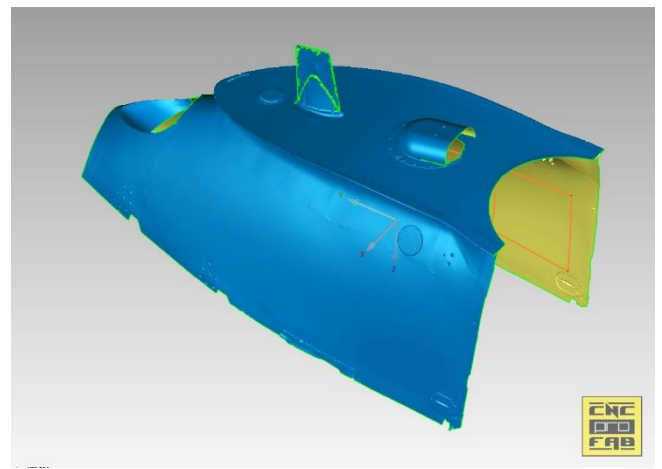
Final result after Bell 407 3D Scanning



Height adjustment of PRO-Platform in Bell 407



Helicopter fairing 3D Scanning



Final result after helicopter fairing 3D Scanning



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