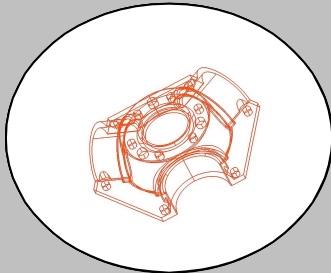
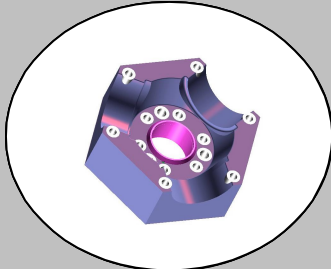
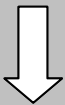


DUC-HELICES – CAO DESIGN

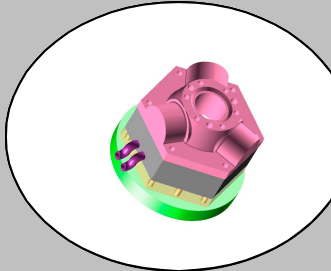
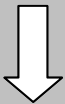
DESIGN / MODELING / MANUFACTURE OF
 AERONAUTICAL CARBON PROPELLERS



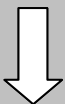
Design of half hub



Manufacturing tool part



Manufacturing tool – Assembly

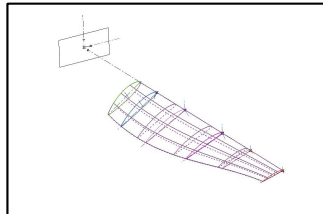


Complete propeller carbon hub

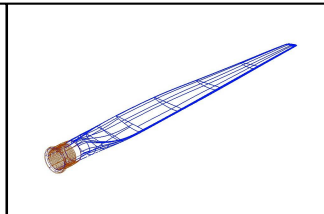
DESIGN / MODELING TOOL :

THINK3 – THINKID CAO software :

- Parameterized volume design,
- Advanced Surface design for complex geometry,
- Reading / Writing CATIA V4, IGES, STP, STL, DXF, DWG files.



Surfacing design



Propeller blade design



PROTOTYPING / MANUFACTURE:



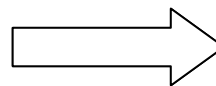
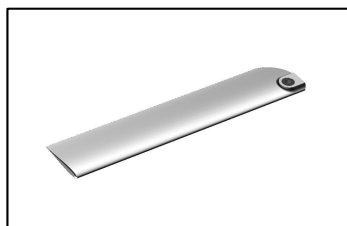
The DUC company carries out from the prototyping to the mass production of carbon fiber propellers.

Using very high technologies of manufacture with certified aeronautical materials, the engineering and design department designs the prototype tools and/or of production starting from the 3D part files. The export of the files allows the machining of the moulds in FAO.



These technologies used make it possible to obtain excessively fine edges .

The manufacture can be accompanied by structural and/or destructive analyses and the acquisition of the manufactured parameters data computerized for a assured traceability.



Design / Modeling / Prototyping / manufacture of DYNALI H² Helicopter rotor blade