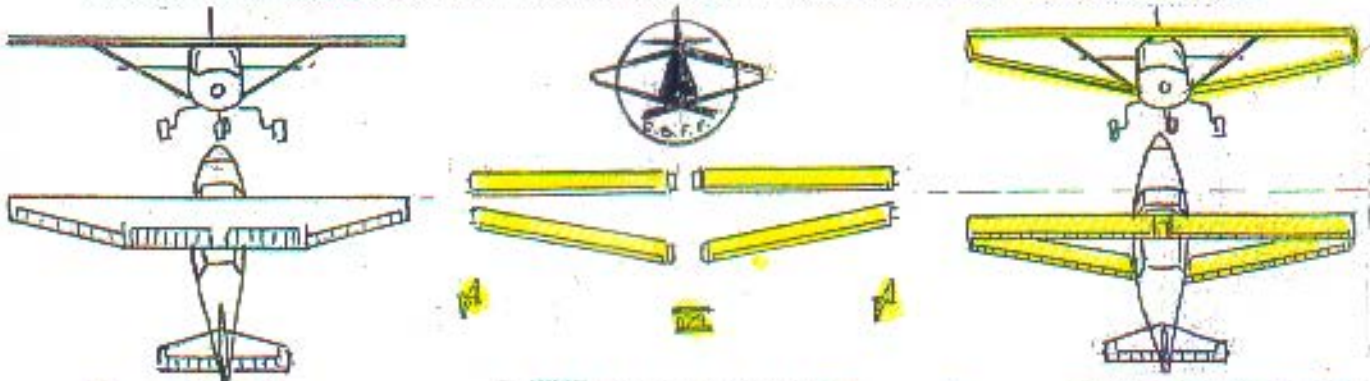




COLAB CONCEPT	L.CABROL	
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THE COLAB MODULAR JOINED-WING CONCEPT

PATENT N°471059-EUROPEAN N°83400469.9-USA N°4541593-France N°2806698-02/08/02



Your aircraft,
Any one :ULM/HLM/

+ The COLAB MODULE
From any type of DESIGN

= 30% to 60% MORE :
Air efficiency
maxi-range
STOL capabilities
cruising speed
Security, visibility.....

GLIDDER
AIRCRAFT.....a.s.o.....

THE Originality of the COLAB-SYSTEM PATENTS is to use two wellknown facts :

The more a structure is using an isostatical mode, the merrier is the fatigue strength.
The higher is the aspect ratio, the better are the aerodynamical properties.

JOINED TOGETHER WITH THE PROPER GEOMETRICALS PARAMETERS, we can build glider-shaped wings, very air efficient with the same load capacity of an aircraft. Full tested on 1/3 scaled specimens and fully verified on an ULM PROTOTYPE Two-sitted since july2002 ; the COLAB WING MODULE can offer :

30% to 50%: more air efficiency, i.e. less drag, less fuel consumption.
40% to 60% more resistance to fatigue strength, i.e. more load capacity

We have developed an efficient know-how to realise meters of wings at low cost of any type of air profile able to be mounted on any type of aircraft, gliders or ULM. The COLAB air wing module is for airfoiled craft what the four wheel module is for motorcars.

The air efficiency of a glider, the load capacity of an aircraft, the security of a parachute.

JOIN US ON : [http:// conceptcolabsystems.free.fr](http://conceptcolabsystems.free.fr) and drop-out !

P.S.: COLAB = Caisson Orthorombique Laminaire Aérodynamiquement Bouclé