



## INTERNSHIP S1 2022 –Flight controls design for a hybrid two-seater STOL aircraft

---

### Avions Mauboussin

Creator of the Corsaire and the Fouga Magister, Pierre Mauboussin represented the spirit of French innovation which is now rising to the challenge of tomorrow's sustainable mobility. Reviving this mythical brand, David Gallezot and his teams are building on his heritage to design the next generation of clean, silent ultra-short take-off and landing aircraft. Alérion M1h: light tandem two-seater Alcyon M3c: hybrid regional multi-engine six-seater.

---

### Job description

In our office located in Belfort, you will assist the structure engineer in the design of the flight controls of the Alérion M1h. Your main tasks are:

1. Finalize flight controls kinematics
2. FEA optimization of flight controls
3. Assist in manufacturing of a test bench for flight controls

---

### Skills and qualifications

You are in final year of an engineering school, in 2<sup>nd</sup> year of Master or in a gap year with a specialization related to aeronautical structures. You are familiar with 3DEXperience, Catia/Abaqus or similar CAD/FEM software. You are autonomous and show a strong interest for aeronautics. A pilot license or an experience in amateur aircraft building is appreciated.

---

### Location and duration

From February 2022, 5-6 months internship.

Located in Belfort, Bourgogne-Franche-Comté, France.

---

### How to apply?

Send your CV and cover letter written in French or English to :

Guillermo CLAVERI, [guillermo.claverie@avionsmauboussin.fr](mailto:guillermo.claverie@avionsmauboussin.fr), +33 (0) 7 67 60 86 10