



INTERNSHIP 2023 S1 –Certification HSTOL airplane and UAS

Avions Mauboussin

Avions Mauboussin design the next generation of clean, hydrogen-powered silent ultra-short take-off and landing aircraft (HSTOL). Alérion M1h: light tandem two-seater & Alcyon M3c: hybrid regional multi-engine six-seater. And also, professional Unmanned Airborne Systems (UAS), or drones.

Job description

Define the certification programme adapted to aircraft with unconventional performance:

- Acceptable means of compliance (Certification Programme);
- Practical means to be implemented: laboratories, benches, mock-ups, prototypes...;
- Prepare the IFR operations and hydrogen use;

Study the extremely specific operations allowed by HSTOL airplanes:

- Design small urban airports designed for STOL airplanes and VTOLs ;
- Define approach, departure, refuelling and parking procedures;

Study the newly published certification regulations for professional UAS:

- Aircraft certification rules ;
- Operational requirements ;

Skills and qualifications

You are in final year of an engineering school, in 2nd year of Master or in a gap year with a specialization related to operations or airworthiness. 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 March 2023, 4-6 months internship.

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

How to apply ?

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

David Gallezot - david.gallezot@avionsmauboussin.fr - +33 (0) 607 883 011