

INTERNSHIP – Positive Aviation – Sensitivity study of built-in stresses due to misalignment in the floats

6 months internship. Function: Structure Analysis Engineer. Location: Rue Gabriel Clerc, 31700 Blagnac, France. Teleworking not authorized. Required level of study: Master, MSc or Grande Ecole Program.

The FF72 is a firefighter scooper aircraft derived from the ATR 72, designed and manufactured in France, capable of meeting the need to replace the Canadair fleet from 2028 with a modern aircraft and improved performance.

The FF72-X1 project aims at developing the know-how and skills of a seaplane design office in France, through the manufacturing and flight testing of an ATR 72 demonstrator on floats.

The intern will participate in enriching the knowledge base of the Positive Aviation design office on the study of the effects of misalignments on the built-in stresses

- Identification of the critical tolerances of the assembly. Analysis of the tolerance stack-up.
- Analysis of the induced stresses due to non-conformance assembly
- Propose a tolerance chart that maximizes the possibility to assemble the structure stress free.

Feeling inspired and wanting to apply, send your CV and motivation letter to career@positive-aviation.com, and we get back to you shortly.