JOB OFFER - Positive Aviation - Loads Engineer

At **Positive Aviation**, we believe that aviation is a force for good for our society and our environment.

Positive Aviation was born based on two basic observations: civil protection authorities can perform in their mission to protect common and private assets, public health, nature and biodiversity only when equipped with the right means; and the iconic “Canadair” Super Scooper – a cornerstone of their firefighting activities – is no longer at the required level of reliability and availability.

Positive Aviation is an engineering and industrial company, developing and implementing modifications on second-hand ATR 72 transforming them into amphibious water scooper firefighter aircraft – the FF72. The pragmatic technical concept is based on proven technologies and combines the precious expertise of the aeronautical and the naval industries.

Starting with the FF72, Positive Aviation aims at being a key actor all along the aircraft lifecycle and companion to its operators.

Positive Aviation’s offices are located at the Toulouse Blagnac airport, inside the hangar H16. The H16 hosts Positive Aviation, the development plateau of the FF72 with its industrial partners and the assembly of the FF72-X1, a demonstrator that will make its first flight in early 2026.

Joining Positive Aviation means being part of the creation of a unique European seaplane design office, and living the adventure of a new aircraft development which will enter into service in 2028.

At Positive Aviation, we favor team work towards pragmatic and realistic solutions, and are proud to build on the rich aeronautical and naval legacy to **protect what is dear**.

About The Role:
Part of the Engineering team, you will predict aircraft loads for structural sizing over the complete flight envelope. You will achieve this by developing and validating advanced seaplane loads analysis methods and tools.

In detail, you will:

- Support the definition, development and validation of modeling strategies and tools to analyze the aircraft loads, building upon data from the multiphysics modelisation and data team.
- Analyze aircraft loads in compliance with load cases requirements and the EASA CS-25 framework and seaplane special conditions.
- Support the development and execution of component and aircraft levels ground and flight tests campaigns for loads.
- Feed the structural analysis team with data to load the aircraft GFEM - General Finite Element Model.
- Reduce flight test data and prepare loads certification reports. Use the flight tests data for validating the aircraft loads models.
- Document and communicate methodology and results to relevant internal stakeholders and certification authorities.

About You:

- You have a strong experience in aerospace engineering, including experience in aircraft design and loads.
- You haven proven expertise in developing and using aircraft loads models and tools.
- You have good programming knowledge and are proficient in Python or equivalent.
- You are autonomous, curious, and willing to get engaged in a colocated team environment.
- You are driven by passion for aeronautics and eager to learn and grow.

If you want to live the adventure of a new aircraft development, be part of a team of passionate experts, and evolve in a pioneering and flexible environment where care and hunger for growth are celebrated, join us!

Positive Aviation is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, sex, gender, sexual orientation, age, color, religion, national origin, protected veteran status or on the basis of disability.

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