

As a worldwide technology leader solving critical issues, ALTRAN brings customers' ideas and projects to life and increases their performance, through technology and innovation. Created in 1982, ALTRAN has today more than 25000 employees worldwide, with a strong position in Aeronautics, Defense and Space area.

Altran Flight Physics team participates to some Mass properties activities in Toulouse area. To reinforce this team, Altran proposes a permanent contract in Mass Properties and Weight and Balance:

## Permanent Contract – Mass properties – Weight and Balance – M/F

### Mission

Within the Flight Physics team, you will deal with

- 1. Weight Estimation and Weight Management topics.** Your main missions will be to:
  - Create and validate weight data banks for Flight Test
  - Manage weight data bank modifications and updates
  - Control weight evolution in the development phase with respect to risks and opportunities
  - Contribute to the guarantee the conformity of delivered aircraft to airlines contracts
  - Contribute to the operational aircraft weight and CG documentation
  - Ensure that methods and tools and R&T activities related to Mass properties
  - Participate in the aircraft section weighing at Final Assembly Line stations to provide with weighing analysis to customer
  - Perform mass and cg estimation when required
- 2. Flight Operation / Weight and Balance activities.** Your main missions will be to:
  - Developing technical information for the Weight and Balance Manual
  - Ensuring airlines support for any weight and balance and Load and Trim Sheet related questions
  - Estimating effects that certain aircraft customization could have on the weight and balance

### Profile

With an aeronautical engineering education, the candidate shall have the following skills:

- Knowledge of the aircraft structure and systems
- Knowledge in Weight & Balance Manual (WBM)
- Good understanding of the flight physics (Weight and balance for aircraft operation)
- Knowledge of Microsoft Office, CATIA v5 (Trend Module), 3DXML Player
- Knowledge in tools like GILDA, ImageMaster (ZAMIZ), DOCMaster, Airn@v, ICC, LTS tool, would be a plus
- English language: professional level
- French language: level B2/C1 requirement
- Good communication skills /Autonomy / Rigor
- Willingness to learn new skills / Self-development

Send your application to the following e-mail address with the reference of the job offer:  
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