



Assembly, Integration and Test (AIT) Engineer
Temporary position - 9 month [March - Decembre 2022]

Context

ISAE-SUPAERO is an international leader for higher education and research in aeronautics and space. The CREME project aims at designing and building a flight model of a 3U CubeSat nanosatellite. This CubeSat will carry a radiation monitor payload designed and developed by ONERA. The partners of this FEDER Region Occitanie project are ONERA, ISAE-SUPAERO, both founding members of the Toulouse University Space Center (CSUT) and project leaders, and 3 Small and Medium Enterprises (SMEs) in the space field (3D Plus, EREMS and TRAD). In the framework of this project, ISAE-SUPAERO is recruiting a Assembly, Integration and Test (AIT) Engineer for the DCAS technical team.

Job description

The objective of this position is to participate in the development of the CREME Assembly Integration and Test (AIT) campaign for the Engineering model (EM) of the CubeSat.

In concrete terms, the person recruited will be responsible of the assembly and integration of the various equipment on the EM. She/He will help redacting procedure documentation. She/He will verify and validate the various possible reconfigurations by emulating the failures. She/He will follow-up of environmental tests and verification of the proper functioning of the equipment, when applicable. She/He will collaborate with various trades (Mechanical Architects, System Managers, ...). She/He will capitalize and optimize the integration processes in order to prepare AIT campaign of the Flight Model (FM).

To do so, the candidate will collaborate with U-SPACE, the company responsible for the development of the satellite platform.

The person recruited will work in collaboration with the technical teams of the institute and one of the challenges of the position is to ensure the sustainability of all this work for future projects of nanosatellite platform.

Training and skills:

- Master 2 or equivalent degree
- Knowledge of electronic engineering
- Knowledge of mechanical engineering
- Rigor for testing procedures
- Good interpersonal and communication skills
- Autonomy, versatility, rigor and ability to step back from one's activities

Optional Strengths:

- experience in space engineering, design or development on CubeSat projects.

Salary and benefits

The proposed salary ranges from 33 000 to 39 000 € gross per year (index of the civil service 590 to 700) depending on experience. The work week is 40 hours, and the agent has 25 days of annual leave, 9 days of RTT, plus 20 days imposed by the by the establishment. Remote work is possible up to 1 floating day per week.

Application

Please indicate "[creme] Application - AIT Engineer" in the subject line of the email, and attach your resume and a cover letter if you wish to apply. Put in recipient the two contacts:

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