

Mechanical Engineer

Location: Beijing

Sector: Aviation

Starting date: ASAP

ABOUT THE COMPANY

Our client is a full round of cooperation from technical research to product development and production on civil turboprop engine power turbine and flame tube, providing modules for mother companies Grand Groups manufacturing aircraft engines.

MISSIONS

The job context is related to the turbo propeller engine design activities with 2 modules concerned: the flame tube and the power turbine.

The main mission for this job is, but not be limited to:

- To perform elasto plastic and elasto visco plastic mechanical computations of flame tube or power turbine by taking into account thermal loads, dynamics loads for static or rotating parts,
- To perform and improve life computations on a flame tube or power turbine parts,
- To attend technical meetings and bring solutions to mother companies' requirements for company,
- To bring critical analyses of the results in order to improve the design of the parts and the methodologies used,
- To write technical reports and participate to technical presentations of company,
- To perform the technical drawings and create and review the specification,
- To collaborate with multi-disciplinary engineering teams, and work/ liase with vendors and contractors,
- To support engineers in their own mechanical activities and provide training when it is required,
- To manage on daily basis the mechanical team, including but not limit:
 - To communicate with program and department level,
 - To direct work flow by assigning tasks,
 - To review the work of team members,
 - To evaluate the team members performances,
- To work in a team with high communication with colleagues and hierarchies,
- To work in a multi-cultural company,
- To know and respect the security and human behavior rules of company.

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REQUIREMENTS

- Engineer or Doctor with more than 5 years of experience in mechanical design of a part submitted to thermal loads,
- First management experience required, excellent communication and leadership skills,
- Knowledge of Siemens numerical tools (NX CAD, NX CAE, NX Thermal, NX Samcef)
- To know how to work in a team,
- Creativity and open mind mandatory,
- English language intermediate level required; French skills appreciated.

APPLICATION : Please send your resume to: bj-hr@ccifc.org

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