

BREAKING THE KNOWLEDGE LIMITS!



GURUCAD, it's an open minded company where all consultants are free to innovate in several industries: Aerospace, Automotive, Robotic, Automation, Medical and General Mechanical Engineering. GURUCAD Quality Management System is certified to DIN EN 9100 and DIN EN ISO 9001.

Renowned OEM & MRO companies choose GURUCAD because is able to create, valuate and use innovative ideas.

Aerospace Division, part of Engineering Department, is focusing on bringing innovation in Aerospace Industry by implementing new ways of working, innovative solutions/applications and advanced workflows for engineering.

More information about GURUCAD you can find at www.gurucad.com

Currently we are looking for highly skilled employee in reinforcing our Cabin Interior Team in **Hamburg**:

Primary / Secondary Structure Stress Analysis Engineers (m/f)

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Your responsibilities

- Execution of projects and subprojects in close coordination with the project team and the customer
- FEM analysis of structure components for Single-Aisle, Long Range, A380, A350 XWB, B737, B747 and B787
- Checking and implementing OEM's/MRO's requirements (Idealizations, Materials...)
- Defining composite materials (CFRP/Honeycomb/Aluminium Cores) for the structural parts
- Primary / Secondary Structure FEM analysis and/or hand calculation in close relation with manufacturing and design
- Interface Loads, Stress and Deflections FEM-Calculations
- Tests preparation together with GURUCAD Design Team and with the Customer Stress & Manufacturing Team
- Preparation of Stress Reports and Certification Documents
- Development of methods and tools to improve efficiency in the project (faster generation of FEM Models from CAD Models, automating meshing and reports creation...)

Your competences

- Open minded innovative thinking
- Engineering degree in Aerospace or Mechanical Engineering
- at least three years professional experience in stress calculation of primary / secondary structure for VIP/Executive and/or Passenger Aircrafts, ideally gained in the Airbus or Boeing environments (including their MRO's/RSP's)
- Stress Calculation knowledge of one or several from the following structural items: skins, frames, stringers, frame/stringer couplings, brackets for fuel / hydraulic / oxygen / air conditioning systems.
- at least one year of experience in the stress analysis with Natran-Patran and/or HyperWorks/HyperMesh
- good MS Office Package knowledge (Word, Excel, PowerPoint and Outlook)
- very good German and English knowledge, spoken and written (if there are exceptional technical skills we can make a compromise and require only the English language as mandatory)
- strong communication skills (interface with customer design/stress/manufacturing/production)
- a high level of teamwork, flexibility and customer-oriented approach
- an advantage knowledge of Airbus Toolset for A350XWB: ISSY/Isami, PDMLink SSCI and VPM

You are interested in joining our team and build your reputation in the structure stress analysis? If the answer is yes, please send us your complete application documents, including availability and required salary, on the following email address: hr@gurucad.com.

For our complete job offer, please visit our website at: <http://www.gurucad.com/en/Jobs.php>



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