EADCO
EUROPEAN AEROSPACE DESIGN CONSULTANTS

WE FOCUS ON INNOVATION

EADCO GmbH supports companies in the aerospace and defence industries by providing engineering services and connecting them with experienced professionals.

We are currently looking for qualified professionals to support a renowned client through employee leasing (Arbeitnehmerüberlassung).

EADCO GmbH will be your employer, while you will contribute your expertise directly to our client's operations.

We provide personal support throughout the recruitment process and during your assignment.

We look forward to connecting with you in a confidential and professional setting.

What we offer

- Permanent employment directly with a renowned aerospace company
- Long-term, high-tech projects with opportunities to take on responsibility
- Attractive salary and benefits

Contact

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Recruiting Service Team
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job@eadco.com
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Please submit your application documents, together with the completed applicant questionnaire, exclusively by email to our recruiting team atjob@eadco.com.

Please click here to download the application form.

Aircraft Stress Engineer (m/f/d)
Structural Analysis, Composite Structures, FEM/FEA, Aircraft Certification

Place of Work	Contract Type	Job Number
Oberpfaffenhofen, DE	Permanent Contract, AÜG	367_1810

In this position, you will perform structural analyses, assess aircraft components and support the development and certification of advanced aircraft structures, with a particular focus on composite materials.

What will you be doing?

- Perform structural stress analysis of aircraft components, including primary structures and composite parts
- Conduct classical hand calculations and Finite Element Analysis (FEA/FEM) to evaluate structural integrity
- Prepare technical stress reports and compliance documentation in accordance with applicable airworthiness and certification requirements
- Carry out fatigue, damage tolerance and dynamic analyses of aircraft structures
- Evaluate structural design concepts and recommend improvements to optimise performance and safety
- Develop and improve internal tools and methodologies for stress analysis
- Coordinate technical activities with engineering teams, external suppliers and development partners
- Provide structural analysis support to Production, Flight Testing, Quality Assurance and Airworthiness departments

What do you bring?

- Master's degree in Aerospace Engineering, Aeronautical Engineering, Mechanical Engineering or an equivalent technical qualification
- At least 5 years of professional experience in aircraft structural analysis or a comparable industry
- Strong knowledge of stress analysis methods, including classical hand calculations and FEM/FEA
- Proven experience in the structural analysis of composite materials and aircraft structures
- Knowledge of fatigue, damage tolerance, dynamic analysis and airworthiness requirements
- Practical experience with MSC Nastran/Patran
- Experience preparing comprehensive stress reports and supporting structural design decisions
- Strong analytical skills, technical judgement and excellent communication abilities
- Independent, structured and solution-oriented working style

Ready to bring your avionics expertise to an exciting aircraft development programme?Discover this opportunity and apply today!

#StressEngineer #AircraftStressEngineer #StructuralAnalysis #CompositeStructures #FiniteElementAnalysis #FEA #FEM #AerospaceEngineering #AircraftStructures #FatigueAndDamageTolerance #Nastran #AerospaceJobs