



Push the boundaries of technology

Make it happen with us

Flight Dynamics Requirement Engineer (d/f/m) (JR10135215)

Location: Manching

Your location

Located about an hour's drive north of Munich, Manching is an up-and-coming market town that offers a wide range of leisure and cultural activities. Here, you can enjoy the quality of life in the countryside while the pleasures of near-by cities are still within easy reach.

Your tasks and responsibilities

You will be responsible for the implementation, development and continuous improvement of System Requirement Engineering Process and Flight Mechanics Clearance Process answering Eurofighter current and future project needs during the full product life cycle. This requires an understanding of the challenges involved in Flight Dynamics Clearances (simulations and flight testing) as well as knowledge of Systems Requirements Engineering.

This includes the following subtasks:

- Identification of all System Requirements related to Flight Mechanics.
- Preparation of appropriate Methods and Vehicles for Qualification (of Requirements).
- Creation of Requirement Traceability (Requirement to Methods/Vehicle).
- Develop RQM Database (DOORS) related to Flight Mechanics Clearance.
- Preparation of Version Specific Document/Documentation (VSD) (summaries all Requirements and dedicated Qualification Methods/Vehicles) for a flight dynamics analysis.
- Creation of Work Share Document (CWP – Clearance Work Package) to distribute Qualification actions to the respective departments (summaries Qualification Methods/Vehicles and dedicated responsible department) o Preparation of Issue(s) to support dedicated Clearance Phase (FCS Product).
- Support of all Qualification actions (Flight Mechanics Clearance).
- Support to Flight Dynamics Simulations to support the Clearance Statements
- Creation of the Flight Mechanics Clearance Statements containing all results from simulation to flight test, forming the basis to all flight tests and operational clearances.
- Creation of pilot procedures and intense interaction with test pilots.
- Providing Inputs for RQM Coverage Documentation.
- Providing Inputs for RQM Result Documentation.
- Further development of RQM in DOORS.

Desired skills and qualifications

- You have a completed Master's Degree in Engineering (Aerospace Engineering)
- You have first experience in Requirement Engineering / Requirement Management
- You have first experience in Aerodynamics; Flight control System; Flight Physics; Flight Test
- DOORS
- GIT/HTML;
- Matlab / Simulink;
- You are a teamplayer, have a passion for aerodynamics and have excellent communication skills
- You have a very good command of German and English (written and spoken)

We offer you

- Challenging tasks for/with unique services and products
- Pleasant working atmosphere in a professional and international work environment
- Exciting upskilling opportunities and perspectives
- Flexible working hours, compatibility of work and family life
- Attractive remuneration (incl. holiday pay, Christmas bonus and profit sharing)
- Company Pension Scheme
- 30 days holidays and extra days-off for special occasions
- Special benefits, such as employee stock options, discounted car leasing, special conditions for insurances, public transport subsidy, discounts at local businesses
- On-site-facilities: Medical officer for check-ups and other health-related services, canteen and cafeteria
- At Airbus, we support you to work, connect and collaborate more easily and flexibly. Wherever possible, we foster flexible working arrangements to stimulate innovative thinking.