THOMMEN AIRCRAFT EQUIPMENT
Renowned Swiss manufacturer of high precision Aviation Instruments, Air Data Computers, Digital Chronometers and Mission Equipment

Established in 1853 under Revue Thommen AG, Thommen Aircraft Equipment Ltd (TAE) is a renowned Swiss manufacturer of high precision aviation instruments, avionics and mission equipment. The company has celebrated his 100 years anniversary of supplying aviation products to its customers.

Thommen Aircraft Equipment AG is currently in phase of introducing several innovative and exciting products in the market and we will gradually increase the general product offering in the course of 2019.

To sustain the new company plans and the new product development pipeline, we are looking to hire a skilled

Avionics Systems Engineer –100% (m/w)

The position offers the opportunity to work with a team of skilled product development professionals. As a team member, you will enjoy the benefits of well-defined project requirements, supportive colleagues and a management staff eager to listen to your ideas.

We will provide unsurpassed innovation in our designs and demand excellence in our manufacturing processes. Our culture will remain exceptional by hiring and retaining only the finest talent and upholding our values of teamwork, accountability, humor, efficiency, candor and continual improvement.

Position Summary
Works with the design engineering group and customers to ensure products meet requirements by providing design guidance and conducting verification, validation and certification tests with minimal supervision.

Typical Activities
The Avionics Systems Engineer will perform activities such as:

- Define Equipment system architectures in conformance with iDAL A/B/C as per ARP4754 guidelines
- Understand design and/or certification constraints and working effectively with product development teams to complete complex, new, or significant projects
- Develop, derive, allocate and manage systems level requirements to low level requirements
- Focal Point to manage and solve all system level and integration issues
- Prepare and/or review documentation for system design
- Perform system evaluation and analysis to verify the system design compliance with functional requirements
- Conduct and participate in all aspects of systems integration, test execution, issue resolution, and reviews
• Support the certification process for Avionics systems throughout the entire lifecycle of a development program
• Lead and collaborate with cross-functional teams to develop technical solutions
• Support of various speciality-engineering tasks; such as RAMS, ILS, HW/SW design
• Support sales/marketing in identifying potential new products or business opportunities
• Support proposal development activities, including proposal text development, cost estimating
• Provide technical assistance to production and technical support

Minimum Qualifications

• Masters or PhD in relevant Engineering discipline
• 7+ years of relevant experience in the systems design, development of safety critical systems
• Experience of certifying to aerospace standards: CS25, CS27, ARP4754, ARP4761, DO160, DO254, DO178C
• Knowledge of Systems Engineering best practices, common pitfalls, methodologies, processes and tools
• Experience with requirements management tools like DOORS
• Demonstrated system engineering skills
• Excellent English written, verbal, and interpersonal communication skills (German or French is an advantage)

Physical, Ergonomic and Environmental Considerations

• Primarily works in an office or lab with moderate noise levels
• Conditions and no direct exposure to hazardous physical substances
• Must be able to remain in a stationary position 80% of the time, frequently operating a computer and other office productivity machinery
• Frequently moves about to access file cabinets, office machinery etc.
• Occasionally works in laboratory environments to test or screen devices under test
• Occasionally operates engineering test equipment such as laptops, signal generators, EMI chambers, thermal chambers, power supplies and USB hubs
• Occasionally works with potentially hazardous electrical potentials while observing appropriate safety precautions

Do you want to make a significant contribution to the continued success of Thommen Aircraft Equipment Ltd in an international environment? If this versatile challenge will attract you, we would welcome your complete application documents (incl. letter of motivation) with photograph via email to: (job applications of external recruiters will not be considered)