



Collins Aerospace

Advanced Manufacturing Engineer

Collins Aerospace is a leader in technologically advanced and intelligent solutions for the global aerospace and defence industry. Created in 2018 by bringing together Rockwell Collins and UTC Aerospace Systems, Collins Aerospace has the capabilities, comprehensive portfolio and expertise to solve customers' toughest challenges and to meet the demands of a rapidly evolving global market.

The high quality products we design, test and produce in our Mechanical Systems help millions of passengers reach their destinations safely – every day! From landing systems and actuation to propellers, flight controls and hoist and winch – the products we manufacture work together behind the scenes to enhance the overall flight experience. We delight our customers with superior products and best-in-class service. Our global team is committed to continuous improvement – we work hard to make our solutions lighter-weight, stronger and more technically advanced, so that plane travel can be safer, more affordable and more sustainable in the years to come. We are looking for the best and brightest to fly and land with us!

Collins Aerospace makes modern flight possible. Of course, that wouldn't be possible without the capabilities and technologies of our organization, as well as our engineers – a highly skilled, accomplished network that spans more than 180 sites, 24 countries and 6 Strategic Business Units (SBUs).

Our industry-leading experts are setting the standards for the aerospace industry and paving the way for the future. But as new challenges present themselves, we need fresh, creative and motivated minds to overcome these hurdles, help us break barriers and achieve new levels of innovation. Do you have what it takes to join a global, diverse organization that doesn't shy away from big opportunities? If so, we invite you to join our ranks and create the next generation of aerospace technologies.

Together, we will nurture an engineering culture that values intellectual curiosity, risk takers and integrity. A place where we will challenge ourselves, our teams, and the status quo and where we will work to find a way – the right way – to achieve what others can only dream of.

As an Advanced Manufacturing Engineer you will be required to support the implementation of products, processes and technologies in both new and existing production lines. In addition, the role will provide ongoing support for various operational projects.

In this role you will:

- Support new product introduction activities, working closely with Design Engineering, ensuring that new capabilities/methods are at the required level of readiness for production
- Assess and develop new and innovative technologies that provide demonstrable benefits to the business to the point they can be introduced to production

- Ensure methods and processes are capable of meeting requirements for safety, quality, delivery rate, cost and lead time
- Lead FAT and SAT testing on all new pieces of production equipment
- Develop, improve and provide innovation to current manufacturing process, including the trial and implementation of new technologies
- Conduct Production Validation Tests and author reports for any new products/processes
- Lead/ support quality issue investigations, quickly providing robust containment actions and conducting root cause analysis to implement permanent corrective actions
- Implement process automation where deemed appropriate

You will bring to the role:

- Relevant Manufacturing Engineering experience
- Experience of leading projects and working with cross functional teams
- Experience of planning and co-ordinating work activities
- An understanding of manufacturing systems, production flow lines and the introduction of new technologies
- Technically competency with the ability to read and understand engineering drawings, reports and metrology results
- An awareness of current EH&S legislation
- Experience of specifying, designing and procuring production tooling and equipment
- Experience of authoring clear and concise standard operating procedures
- A good understanding of production quality issues and the impact that processes/equipment can have on these
- A data driven mind set with excellent problem solving skills
- Knowledge of Lean principles and quality problem solving tools
- Experience of creating PFMEA's and implementing appropriate improvement actions
- Experience of implementing and using Statistical Process Control (SPC)
- Competency using Microsoft Office (Outlook, PowerPoint, Word and Excel)
- Excellent communication skills at all business levels
- Self-motivation with excellent time management and organisation skills
- Ability to operate effectively within a matrix organisation structure
- A flexible approach to working to ensure that deliverables are met within the defined timescale

As part of the legal requirement to comply with international trade controls, we require all candidates to successfully complete a Baseline Personnel Security Standard (BPSS) check including criminal record checks. In addition we will check the identity of all employees against various government denied party lists prior to making a formal offer of employment.

To apply for this role please click on the following link:
<https://jobs.utcaerospacesystems.com/>