



# Collins Aerospace

## **Project Engineer - Banbury**

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 a Project Engineer working within the Engineering Team at our Banbury site (CTG), this role is responsible for delivery of engineering solutions for the design, development, qualification, manufacture and long term supply of advanced composite components.

Within this role you will interface directly with other business functions to gain the necessary input for the required solution. The role also has an element of project management ensuring the New Product Introduction (NPI) and technology readiness level processes are implemented and adhered to and appropriate project management tools are used and status is clearly communicated.

This role is critical to delivering innovative, competitive, aerospace certified products to market to challenging customer timelines.

This role also includes a significant level of engineering in-service management and support to the business to ensure cost of manufacture of developed products is minimised.

This supports increased sales and the sites ambitious growth strategy.

As a project engineer you will learn to deliver innovative composite products through the use of design for manufacture, design to cost and design for variability toolsets.

You will test and interrogate parts manufactured to mitigate technical risk and ultimately deliver robust components to market. You will see your designs fly.

**In this role you will:**

- Support in the identification, design, development, introduction and validation of new systems and components.
- Completed detailed CAD models and drawings including determining key technical and quality features to aid manufacture.
- Understand drawings and technical specifications in order to assess and maintain compliance to all requirements and where necessary, liaise with the customer and suppliers to determine technical requirements.
- Implement design validation activities using such tools as first principle calculations and Finite Element Analysis and define validation tests.
- Design, manufacture/subcontract and commission various tooling used in the manufacture/test of composite components and assemblies.
- Initiate and execute engineering changes for in-service and new products.
- Oversee and execute testing and compile reports on activities following scrutiny of test data.

**You will bring to the role:**

- Relevant experience required of Mechanical Engineering or in similar areas such as Aerospace Engineering or Automotive Engineering (bachelor's degree preferable)
- Excellent technical, analytical and problem solving skills
- Strong organisation, planning, and delivery skills
- Excellent written and verbal communication ability
- Be highly motivated, with a strong ability to use own initiative
- A team player able to work within a multi-disciplinary team
- Experience of leading change/improvement implementation programmes with both Senior Management & operational teams.

**In addition to this it would be desirable for you to have:**

- Industry experience in a Design and Development environment
- Experience of engineering project management.
- Knowledge of composite materials.

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/>