

- Job Title: **Production Engineer**
- Employer Name: **StandardAero**
- Closing Date: **Open until filled**

Explore a career where you're challenged and have access to exciting engineering projects that stretch your talents. You'll design and create new systems and technologies to help solve complex aviation problems. Our expert team and supportive leaders give you the trust and independence to do your best work.

Design, test, and implement advanced technologies to improve aircraft performance, safety, and reliability, so we continue to deliver excellent aviation solutions. You'll collaborate with other departments to ensure that our products and services meet the highest industry standards.

The **Production Engineer** Provides engineering support to the business unit for all aspects of component repair related to development of minor repairs and continuous improvement programs. Ensures compliance to relevant airworthiness and contractual requirements.

### **Immune Specific Accountabilities**

- Recognizes and understands flight/product safety critical parts and processes.
- Responsible for immediately reporting flight/product safety concerns.
- Participates in proactive risk analysis of flight/product safety critical parts and processes.
- Recognizes and understands the Just Culture policy.

### **Specific Accountabilities**

- Identifies and establishes improvement programs through root cause analysis (i.e., repair instructions, proper sequencing, inspection criteria, gauges, fixtures, machines, etc.), analysis of turn times, work in process, non-conformance tags (NCTs), material review board (MRBs), process interruptions, other line stoppages, warranty failure modes, field reliability of repairs, investigation of repair-related field problems, line build problems, and subcontractors' repair performance. Works quality department to trend the improvements.
- Owns, generates, maintains, and updates temporary overhaul data revisions (TODRs), prepares production routings and detailed instructions based on approved data.
- Reviews all scrap not able to be dispositioned routinely with a view to applying book repairs, logging scrap rates and costs, and accumulating stock as future-repairable.
- Provides input to management pertaining to repair/process implementation and improvement.
- In compliance with company instructions and the Design Approval Organization, executes MRB documentation and NCTs, TODRs and temporary parts list revisions (TPLRs).
- Acts as a conduit between the business unit and operations in resolving technical production problems.
- Identifies and implements continuous improvement project to accomplish production objectives. Responsible for development of cost benefit analysis along with cost and schedule estimates for proposed projects.
- Performs production capacity planning.
- Originates, revises & interprets technical drawings.
- Provides support and consultation services to operations to assist with the dismantle, inspection, repair and assembly process of gas-turbine engines.
- Supports acquisition of equipment as required to meet implementation objectives. Establishes and monitors equipment safety issues.
- Writes technical reports and proposals; develops work instructions.

- Responsible for observing all applicable safety requirements and reporting immediately any unsafe practices/conditions.
- Carries out special projects as assigned.

#### **What You'll need:**

- Good planning, organizational, analytical, leadership, interpersonal, decision making, oral and written communication skills.
- Good project management skills.
- Thorough knowledge of company processes, company instructions, and quality requirements as they pertain to airworthiness and contractual requirements.
- Working knowledge of gas turbine/accessory design theory, basic machine shop practices, and basic gas turbine metallurgy; familiarity with engine manuals.
- Working knowledge of precision measuring instruments; ability to interpret drawings (including tolerancing).
- Thorough knowledge of failure modes and effects analysis.
- Working knowledge of PC's in the current company operating system environment.
- Basic knowledge of production management computer systems.
- In jurisdictions governed by a regulatory body or with an association that is governed by local legal requirements, registration is required.
- University degree in mechanical, industrial, aerospace, or metallurgical engineering; or equivalent.
- Experience in a manufacturing or production environment.

#### **Background Information**

The typical minimum level of education to perform this job competently is equivalent to completion of a university (bachelor) program in a specialized field of study and work. The work requires a sound understanding of the underlying theoretical principles and concepts associated with the subject area and an understanding of the relation of these to the responsibilities of the job. This specialized training is often recognized by a degree and/or professional designation.

Ongoing work assignments typically have clearly defined goals, but no (or minimal) direction with respect to what action steps to follow. The incumbent's education, training, and previous experience will help ensure that the goal of the assignment can be clearly defined and understood (even if that means just knowing what relevant questions to ask), but the required/optional approaches to achieving the goal will often remain unclear, undefined and/or untested until the work assignment is well underway.

#### **Benefits that make life better:**

- Comprehensive Health and Dental insurance
- Pension Plan with 100% company match; up to 5%
- Paid Time Off starting on day one
- Bonus opportunities
- Short- & Long-Term Disability
- Life & AD&D Insurance
- Learning & Training opportunities

## **Raising the Standard of Excellence since 1911**

With over a century of proven excellence, StandardAero has become an industry leader in MRO services and customized solutions in the aerospace field. Our shared values and learning-based culture inspire our team to exceed their potential and power our customers' missions worldwide. With on-the-job training, advancement opportunities, and excellent benefits, StandardAero invites you to experience a fulfilling and meaningful career with us.

## **Inclusivity Is Our Standard**

StandardAero offers equal employment opportunities for all. Our supportive environment celebrates diversity with no room for harassment or discrimination of any kind. We invite you to bring your authentic self to our team and experience our welcoming culture.

## **To Apply**

[https://standardaerocareers.com/#en/sites/CX\\_3/job/4166?utm\\_source=JobFair&utm\\_medium=JobBoard&utm\\_campaign=](https://standardaerocareers.com/#en/sites/CX_3/job/4166?utm_source=JobFair&utm_medium=JobBoard&utm_campaign=)