

COMPANY DESCRIPTION:

Airdyne is a small, privately owned, highly focused aircraft special mission systems engineering, manufacturing and aerospace research firm.

POSITION TITLE: Senior Liaison and Manufacturing Engineer

LOCATION: Brooksville, Florida, USA

SUMMARY OF POSITION/ POSITION DUTIES:

Senior Liaison and Manufacturing Engineer for the SABIR system and fabrication area.

Disposition non-conforming material as a Material Review Board (MRB) member by reviewing and analyzing drawings, specifications, and 'as built' hardware to support production in meeting schedule and cost requirements.

Represent Engineering through proactive participation and communication with other engineering personnel and organizations (e.g., Management, Quality Assurance, Production, Design, Supplier and Customers) to provide actions (e.g., hardware and drawing investigations, consultation with other Engineering Personnel, and answer Manufacturing Shop Queries / Questions) and results (e.g., drawing changes, process improvements).

- Adhere to company material review board (MRB) and quality assurance (QA) procedures to design, analyze and disposition repairs for structural non-conformances in a timely manner to restore design integrity.
- Interact with inspectors, shop mechanics, other engineering disciplines and management as required.
- Maintains a current and up-to-date knowledge of developments in aircraft structures in order to recommend innovations to improve the quality, economy, and effectiveness of company products
- Evaluates manufacturing processes by designing and conducting research programs; applying knowledge of product design, fabrication, assembly, tooling, and materials; conferring with equipment vendors; soliciting observations from operators.
- Develops manufacturing processes by studying product requirements; researching, designing, modifying, and testing manufacturing methods and equipment; conferring with equipment vendors.
- Improves manufacturing efficiency by analyzing and planning work flow, space requirements, and equipment layout.
- Assures product and process quality by designing testing methods; testing finished- product and process capabilities; establishing standards; confirming manufacturing processes.
- Provides manufacturing engineering information by answering questions and requests.
- Government Regulations: Knowledge of government and Federal Aviation Authority (FAA) regulations and their impact on conformity and compliance (i.e., certification, qualification).
- Process Improvement: Knowledge of producibility and process improvement methodologies (e.g., statistical process control (SPC), Hardware Variability Control (HVC), 6-Sigma).

REQUIRED:

- Minimum education of an Associate's Degree in Engineering or relevant discipline with credentials.
- 5 years Demonstrated troubleshooting and failure investigation experience with electro-mechanical systems.
- 10 years' Experience directly related to aerospace Liaison Engineering activities e.g. providing technical solutions and implementing product changes in support of engineering, facilitating the change through manufacturing, production and procurement.
- 7 years' Experience in aerospace structural analysis using conventional hand calculations.
- 7 years' Delegated MRB Process Authority from an aerospace company.
- Minimum of 7 years of experience with CAD Software (preferably SOLIDWORKS).

DESIRED:

- 15 years' Designing, analyzing and disposition repairs for aerospace structural non-conformances to restore design integrity.
- 7 years' Evaluating manufacturing processes, designing and conducting research programs and applying knowledge of product design, fabrication, assembly, tooling, and materials; conferring with equipment vendors; soliciting observations from operators.
- 7 years' Developing manufacturing processes by studying product requirements; researching, designing, modifying, and testing manufacturing methods and equipment; conferring with equipment vendors.
- 7 years' working experience with government and Federal Aviation Authority (FAA) regulations and their impact on conformity and compliance (i.e., certification, qualification).
- 7 years' Experience in producibility and process improvement methodologies (e.g., statistical process control (SPC), Hardware Variability Control (HVC), 6-Sigma).
- 12 years' delegated MRB Process Authority from an aerospace company.
- 8 years' Experience writing technical reports and/or proposals
- Experience testing and validating aerospace components/assemblies to validate conformance.

TYPE OF WORK: Lockheed Martin C-130/L-100, Alenia C-27J, or similar.

SALARY AND BENEFITS: Based upon qualifications.

JOB TYPE: Full-time

ELIGIBILITY OF APPLICANTS: U.S. citizen or Permanent Resident.

TRAVEL: Yes

RELOCATION: Yes

INTERVIEW TYPE: Telephone or Company Site

All applicants must include a cover letter and salary requirements to be considered.

Cover letter must provide the following:

1. Introduction
2. Reason that individual would be the best fit for the position
3. Questions about the position.
4. Salary Requirements

Airdyne Aerospace participates in E-Verify employment authorization.

Airdyne Aerospace is compliant with 52.222-35, Equal Opportunity for Veterans; and 52.222-36, Equal Opportunity for Workers with Disabilities.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, disability, age, genetic information, or veteran status.