



LEAD ECS & PNEUMATIC and ECS & PNEUMATIC STAFF ENGINEERS

Join a growing aerospace company that is pioneering a new generation of efficient supersonic aircraft that will revolutionize global mobility, giving travelers back the most precious commodity of all—time. The company is hiring multiple **Lead ECS & Pneumatic and ECS & Pneumatic Staff Engineers** to manage all activities related to the design, development, integration, testing and certification of the Environmental Control System (ECS), Cabin Pressurization, Oxygen System, Anti-Ice System and Bleed Air Management for the supersonic business jet. The company likens their culture and environment to that of a Skunkworks, and the work is detail oriented, and extremely fast paced.

PRINCIPLE DUTIES AND RESPONSIBILITIES:

The team of **ECS & Pneumatic Subsystem Engineers** will:

1. Develop ECS & Pneumatic systems design, architecture and product plans, including qualification and certification plans.
2. Provide subject matter expert level technical leadership, mentoring and guidance on both practical and theoretical aspects of ECS & Pneumatic systems.
3. Define requirements for the ECS & Pneumatic systems to ensure compliance with regulations and customer requirements.
4. Provide validation and verification of ECS & Pneumatic systems requirements.
5. Perform ECS & Pneumatic systems tests and certification, and provide system and certification documentation.
6. Manage the ECS & Pneumatic subsystem scheduling, budget, resources and suppliers.
7. Report subsystem status to ensure milestones are met in support of the overall program schedule.
8. Facilitate source selection by participating in technical reviews of supplier capabilities, and monitor supplier performance to requirements and schedule to ensure quality delivery.
9. Be self-directed as an individual contributor, and serve as IPT lead for groups of internal and external scientists, engineers and technicians.
10. Provide technical direction for, and supervision over, the ECS & pneumatic subsystem suppliers, vendors, and consultants, to assure engineering models and prototype parts comply with designs and specifications.

BACKGROUND AND EXPERIENCE:

Education: Bachelor's Degree in Aerospace, Mechanical Engineering or other relevant technical degree or experience required. Graduate degree in a technical and/or management specialty is strongly preferred.

Experience:

- The ideal candidate will currently be (or has been in the past) a Senior Engineer, Principal Engineer, Subject Matter Expert, Engineering Specialist, Technical Specialist, IPT Lead at a manager level, or a Project Manager over a system
- Advanced technical understanding of Environmental Control System (ECS), Cabin Pressurization, Oxygen System, Anti-Ice System and Bleed Air Management
- 5+ years of deep, hands-on experience in ECS systems development, design and testing in Military, Commercial, Regional, Business Jet OEM aircraft, or Tier 1 Aerospace company
- Robust and current knowledge of Part 25 regulatory requirements
- Experience and expertise in the development of commercial and/or high-end business jets strongly desired
- Recent experience in developing mechanical systems from concept through certification strongly desired
- Must be able to demonstrate a clear understanding, knowledge and ability to define requirements, generate architecture and achieve compliance
- Strong customer focus with experience in a global environment working with customers and suppliers

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