

Senior Mechanical System Engineer

Overview Description:

Supply design engineering and analytical expertise primarily in the mechanical system area (flight control, landing gear, pneumatic, environmental, and hydraulic, and fuel systems) and other systems as required to support the development, certification, sustaining design as well as production and post-delivery support of SyberJet SJ30 products. In addition, provide support to other groups such as electrical, avionics, flight test modification engineering as required to support the company's overall objectives.. Prepare plans for troubleshooting aircraft/systems problems, and oversee the implementation of these plans by licensed aircraft mechanics. Some travel required.

As our ideal candidate, you will have the following:

Education:

A bachelor's degree (or equivalent) in Mechanical/Aerospace Engineering or related discipline.

Experience:

At least 10 years' experience in design, analysis, and/or flight testing of turbine aircraft or turbine aircraft systems. Experience in ground/flight-testing of civil aircraft and a good working knowledge of FAA /EASA certification requirements (Part 23, Part 23 Commuter category, and Part 25) would be an advantage. Ability to interpret system schematics and technical documentation related to electronic control of any or all mechanical systems. Ability to create qualification test plans and associated results reports for aircraft systems and components. Unigraphics Version TBD experience would be a plus.

Good communication skills, written and oral are a must. Interpersonal skills are necessary to establish and maintain effective working relationships with co-workers, employees, management and contractors.

Self-motivated, ability to work within a lean organization and willing to work in multiple discipline areas to attain the overall company objectives is import able to and manage time effectively.

Company Overview

- SyberJet Aircraft is a US based manufacturer of the world's fastest and longest range light business jet – The SJ30. The SJ30 has a high speed cruise of Mach 0.83 (486 ktas), a range of 2,500 nm, and a sea level cabin to 41,000 ft. Using a highly swept wing for high, fuel-sipping cruise speeds and leading edge slats and flaps for low approach speeds, the SJ30 is a perfect match of aerodynamics and the Williams FJ44-2A engine.
- SyberJet Aircraft has offices in San Antonio, Texas at the San Antonio International Airport (KSAT) and in Cedar City, Utah at the Cedar City Municipal Airport (KCDC).
- SyberJet aircraft provides the SJ30 customers with more accessibility to worldwide destinations by developing, certifying, and manufacturing aircraft tailored to our customer's needs with unsurpassed performance and value through the relentless pursuit of performance through innovation and design.

- SyberJet provides a flexible working environment competitive salary with a benefits package that includes, but is not limited to, health insurance plan, a health savings account (HSA) with company contributions, life insurance, 401K with company matching, and unique sick/vacation policy program as well as the opportunity to be a part of the SJ30 family in small company where your input is not only welcomed, but important to the success of the program.
- We are an equal opportunity employer. A drug screen, physical exam and security background screen are part of the hiring process.