

Structural Assembler: Sr. Structural Assembler

Performs a variety of operations to assemble and make major assembly structures such as fuselage panels and bulkheads, and structural subassemblies such as rudders, flaps and stabilizers. Aligns parts on jigs using templates, molds and fixtures. Performs such minor part-fitting operations as filing, sawing, de-burring, crimping, trimming, framing, riveting, drilling and reaming. Measures parts with micrometers and calipers to verify dimensions. May modify incomplete and complete assemblies to incorporate changes to structure. May monitor and verify quality in accordance with statistical process or other control procedures.

Knowledge

Extensive knowledge in specialized functions. A wide and comprehensive acquaintance with, and understanding of, both general and specific aspects of the job and their practical application to complex problems and situations ordinarily encountered.

Supervision Received

Minimal supervision. Work may be done without established procedures.

Consequence of Errors

Errors are very difficult to detect and would normally require significant expenditures to resolve.

Contacts

Contacts are frequent with individuals representing outside organizations and/or individuals of significant importance within the company. Contacts involve planning and preparation of the communications, require skill, tact, persuasion and/or negotiation to accomplish the objectives of the communication.

Work Products (Examples may include but are not limited to)

Lead the effort for the assembly and fit of pre-fabricated metallic and composite parts to form assemblies, working at benches or directly on a structure assembly fixture. Read and interpret aircraft assembly instruction plans, diagrams, drawings and other documentation in order to perform and direct other on the assembly function with accuracy with little supervision. Assemble, fit, shim and install pre-fabricated parts and subassemblies such as aircraft spars, rib, skins and fittings. Utilize hand and power tools such as drills, to assemble and fabricate components with fasteners and bonding agents. Instruct, train and oversee quality workmanship of lower level technicians. Utilize measuring equipment in order to meet specifications for the installation process. Maintain a clean and organized work area. Work with quality department personnel in order to keep production assemblies in proper sign off levels and within inspection procedure and/or specifications. Troubleshoot ideas for improvement and intervene when necessary on issues or concerns with process, schedule and quality needs. Assist supervisor as needed, as well as additional responsibilities as required.

Minimum Education and Experience

High school graduate or equivalent required. 5 years plus of experience with complex aircraft assembly required. Trade School certification such as Airframe & Power plant (A&P) certification is required. Shop floor math skills, experience with following engineering orders, and the ability to read drawings or blueprints required. Extensive experience using various hand and power tools required. Experience in a leadership role with equivalent level of responsibilities required. Must be dependable and punctual.