



Job Description Title : **Structure / Sheetmetal Technician**
Department : Structures
Reports to : Crew Leader / Supervisor

GENERAL ACCOUNTABILITY

A Structures Assembler works with aircraft structural materials and is involved in the repair, installation, modification and inspection of these materials. Structures Assemblers assemble, fit and install aircraft skins, frames and structural parts. They assemble structures including sheet metal extrusion and composite structures and possess knowledge of assembly jigs and tools. Future structural assemblers will work with completed assemblies and will be systems integrators.

SPECIFIC ACCOUNTABILITIES

- Assemble, fit and install aircraft skins, frames and structural parts.
- Assemble structures including sheet metal extrusion and composite structures.
- Work with assembly jigs and tools.
- Apprentices will work with completed assemblies and will be systems integrators.
- Complete any special projects or other tasks as required or assigned. May be assigned to other areas of operations, based on business or customer requirements.
- Works in compliance with all Administrative, Health & Safety policies and procedures as per legislative requirements and as outlined in Company policies.

WORKING CONDITIONS

- Regular periods during which physical effort is required, e.g., walking standing, stooping, climbing, lifting material or equipment, some of which may be heavy or awkward.
- Exposure to factors such as temperature variations/extremes, fumes, moving machinery, humidity, and materials which can cause periods of discomfort.
- Frequent need to give concentrated attention, with one or two senses at a time, where stimuli are changing.
- Noticeable direct and indirect pressure from deadlines, production quotas, accuracy or similar demands.

QUALIFICATIONS

Applicants with aerospace / aviation experience are preferred. Applicants must have extensive, practical structures experience. In addition to a High School Diploma or equivalent (minimum). Preference given to candidates with additional trade certification or education (AME-S).

Other required skills include:

- Candidates should have general knowledge of aircraft structural fabrication, including repairing, modifying, refurbishing, and fabricating structural and other components.
- Ability to understand and interpret engineering and technical drawings, as well as, other written instructions and design specifications.
- Strong mathematical knowledge is required.
- Ability to make accurate measurements and finish materials to high level of quality and precision.
- Incumbents must be able to work with engineers and calculate weight & balance data and must be familiar with a variety of hand tools, and sheetmetal equipment.
- Excellent planning, organization and coordination skills.
- Excellent judgment, strong attention to detail.

Please note: The above statement reflects the general details considered necessary to describe the principal functions of the job identified and shall not be considered as a conclusive description of all work required in the job.