



## **A&P MECHANIC**

**MARANA, AZ**

Hours & workdays vary

- High school diploma or equivalent
- 3 Years experience with wide body aircraft
- A&P License required
- 15 year background check

Repair and overhaul of aircraft and aircraft components, parts and accessories. Conduct research on technical data and perform disassembly, repair, cleaning, adjustment, assembly, testing and calibration of aircraft components. Repair, replace and rebuild aircraft structures such as wings and fuselage. Reads and interprets maintenance manuals to determine method of repairing or replacing malfunctioning or damaged components. Inspects turbine blades to detect cracks or breaks. Disassembles and inspects parts for wear, or other defects. Repairs or replaces defective engine parts and reassembles and installs engine in aircraft. Adjusts, repairs, or replaces electrical wiring system and aircraft accessories. Performs miscellaneous duties to service aircraft including flushing crankcase, cleaning screens, greasing moving parts, and checking brakes. Upon completion of work scope obtains the signature of a certified mechanic on work cards or forms.



## **STRUCTURES TECHNICIANS**

**MARANA, AZ**

Hours & Workdays vary

- High school diploma or equivalent
- Post secondary education or training in aircraft maintenance or equivalent combination of education, training or experience required.
- 1-5 years experience aircraft structural repair preferred
- 15 year background check

To perform functions assigned in the repair and replacement of aircraft sheet-metal structures. Research technical data and perform inspection, repair and replacement of aircraft sheet-metal structures including main landing gear fittings, aircraft skins and floor beams in accordance with applicable maintenance manuals, FAA regulations and EMC policies and procedures. Reads and interprets blueprints, sketches, or product specifications to determine sequence and methods of fabricating, assembling, and installing sheet metal products. Plans, lays out, fabricates, assembles, installs, and repairs sheet metal parts, equipment, and products utilizing knowledge of working characteristics of metallic and nonmetallic materials, machining, and layout techniques. Selects gauge and type of sheet metal, such as stainless steel, steel, or aluminum, or nonmetallic material, such as plastics or fiberglass, according to product specifications. Lays out and marks dimensions and reference lines on material, using scribes, dividers, squares, and rulers applying knowledge of shop mathematics and layout techniques to develop and trace patterns of product or parts. Performs maintenance work such as repair and maintenance of company equipment and shop housecleaning. Makes appropriate entries in Component Removal Log, completes identification tags, and repairable/parts routing tags upon removing components from aircraft. Ensures that proper documentation is made on training record for training received, and signed by Lead, Supervisor, or Manager. Makes appropriate entries on routine and non routine work cards.



**QA INSPECTOR – 2<sup>ND</sup> SHIFT**

**MARANA, AZ**

- High School diploma or equivalent
- Post-secondary education or training in aircraft maintenance
- Airframe & Power Plant License (A&P)
- 3 years experience in aircraft inspection

Inspects aircraft parts/components and materials in accordance with proper procedures, methods, practices operations and safety. Reviews and audits technical records that support airworthiness of all aircraft, aircraft parts/components and in accordance with the Federal Aviation Regulations (FAR,S). Researches technical data and performs inspection of aircraft in accordance with applicable aircraft/component maintenance manuals & FAA regulations Enforces Quality Control standards for material receiving, shipping, storage, handling, repairs and overhaul to see that quality, allowable tolerances and other specifications and standards set by the EMC and the applicable manufacturer are met. Performs inspection of aircraft components during their assembly, installation and adjustment phases of incorporation onto an aircraft to insure that the workmanship and materials conform to the aircraft manufacturers specifications and maintenance manual procedures. Ensures that all Work-In-Progress is properly documented. Records all inspection data. Determines accuracy of installation of components in power plant and hydraulic system using protractor, micrometer, calipers, and gauges to ensure that specified tolerances are met. signs inspection tag to approve unit, or records reasons for rejecting unit. Logs inspections performed on aircraft.