



District of Columbia National Guard

Accelerated Hiring Announcement

Title 32 Dual Status Technician

DC-AHA-AF-24-004



	OPENING DATE: 19 March 2024	CLOSING DATE: 24 March 2024
APPLICATION MUST BE FORWARDED TO: IN ORDER TO RECEIVE CONSIDERATION scott.schriner.1@us.af.mil	Position Title: Sheet Metal Mechanic (Aircraft) Min Grade: E3 Max Grade: E6 AFSC: 2A7X3 GRADE: WG-3806-10	
	AREA OF CONSIDERATION: GROUP II Current military members within the DCANG (AGR, Technician, or DSG)	
Position Location: Joint Base Andrews, MD 113 MXS	NOTE: This position is subject to provisions of the DoD Priority Placement Program.	
INSTRUCTIONS FOR APPLYING: You must send applications electronically to the email addresses listed below. REQUIRED DOCUMENTS: 1. Resume - resume highlighting your specialized experience. Ensure you include "from (mm/yy)" and "to (mm/yy)" dates along with a description of your relevant experience 2. Current SF-50 (if applicable) 3. Documentation substantiating DCANG military affiliation and rank 4. Please submit completed packages to: MSgt Scott Schriner Phone: 240-857-5517 scott.schriner.1@us.af.mil		
MINIMUM EXPERIENCE: Experience or training that has provided the candidate with the ability to plan, manufacture, and install cylindrical, square, or rectangular-shaped objects that have easily constructed fastenings such as single and double-hem edges and single, double or grooved seams. SPECIALIZED EXPERIENCE: Experience or training in planning, layout, and construction skills to manufacture items and systems with dovetailed seams, set-in-bottom seams, burred-bottom seams, or wired or lock seams. Experience using more complicated shop tools and equipment. Experience in using metals including stainless steel, copper sheet, magnesium, honeycomb material and alloys. Experience demonstrating the use of more complicated mathematical calculations and complicated measuring instruments.		

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Position: Sheet Metal Mechanic (Aircraft)

Position Description:

- (1) Independently inspects aircraft and determines the nature and extent of repairs to be made, using applicable technical orders as guidelines. Works directly on the aircraft and its components, fulfilling such tasks as removal, repair, modification and installation of parts and assemblies, such as frames, stringers, longerons, bulkheads, beams, ribs, spars, skin, cowling, brackets, faring, access doors, panels and other related items. May be required to clear red "X" conditions.
- (2) Repairs cracks in aircraft skin. Fabricates and fits patches to damaged areas, determining repair detail necessary to retain or restore original strength. Fits and trims components to aircraft such as landing gear doors, control surfaces, flaps access doors and other assemblies. Seals structures to make them pressure, water and weather tight.
- (3) Troubleshoots aircraft structural repair situations in such areas as fuselage, tails, wings, cowlings, and stabilizers. Removes, forms, fits, and installs highly stressed and double contoured skins, using hand or powered drilling and cutting tools and other metal working equipment. Determines shear and bearing load factors during rivet replacement. Installs heads up, regular, heat treated, high shear, and blind type aircraft rivets and fasteners, using pneumatic riveters, special tools and bucking bars. Removes damaged or broken fasteners and receptacles.
- (4) Aligns and balances component structures and airframe using precision measuring instruments and levels. Performs metal-to-metal bonding where delamination of surfaces and core material occurs in control surfaces.
- (5) Inspects damage or deterioration and determines repair or replacement of plastic, fiberglass, composites, bonded structures, and bonded honeycomb assemblies using powered and nonpowered tools and equipment. Repairs or replaces retaining frames and installs plastic laminated blanks. Designs and constructs forming fixtures.
- (6) Manufactures and ensures that metal tubing, conduits and cables are fabricated and tested in accordance with drawings and specifications. Fabricates and repairs flexible control cables.
- (7) Performs fabrication of local manufactured items required for aircraft and equipment. Work includes layout, bending, cutting, forming and assembling. Devise and calculates patterns employing the principles of triangulation, radial and parallel line development.
- (8) Sets up and operates power shears, brakes, rolls, dimpling machines, drill presses, saws, portable Powered tools, specific detection and measuring equipment, and other metal working equipment, including use of other tools of the trade. Requisitions necessary supplies and equipment for the activity.
- (9) Prepares and designs layout, dies, jigs, and templates necessary to carry out fabrication repair or modification of aircraft, engine, AGE, and other equipment. Works from blueprints, technical orders diagrams, and work orders.
- (10) Identifies metal corrosion. Performs necessary testing to identify type corrosion present by examination with magnifying equipment, chemical and mechanical methods and treats aircraft engines, in accordance with applicable technical publications. Ensures that work assignments received from supervisor or maintenance control are accomplished in a timely manner.

- (11) Removes corrosion by mechanical and chemical procedures to include use of portable powered (electric and pneumatic) sanders, buffers, brushes, bead blasters, vacuum cleaners, scrapers, grinders, acids, caustics, solvents, alcohols and other agents used in corrosion control processes. Treats metal with chemical procedures, such as acids and caustics for passivation and etching, to protect metal from oxidation. Performs such functions as pickling of metals to prepare for good bonding with primer coat of protective materials.
- (12) Applies protective coatings, markings, and decals after proper removal of corrosion and treatment of metals. Uses conventional paint spray equipment, electrostatic spray equipment, brushes and special applicators when applying primers and surface coatings.
- (13) Identifies, blends, stores, controls, and disposes of hazardous materials such as acids, caustics, alcohols, solvents, cleaners, primers and surface coatings used for corrosion removal, treatment and protection in accordance with applicable directives.
- (14) May operate the wash rack. Accomplishes corrosion and washing inspections within schedule provided to ensure compliance with the monthly and weekly maintenance plan. May conduct training on proper methods and procedures of wash rack operations.
- (15) May assist in training of drill status guard members and in maintenance of publication files of applicable technical orders, regulations, manuals and local directives.
- (16) Prepares for and participates in various types of readiness evaluations such as MEI, ORI, IG and UE inspections mobility and command support exercises. May be required to perform such additional duties as structural fire fighting, aircraft fire/crash/rescue/duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and equipment, or serve a member of a team to cope with natural disasters or civil emergencies.
- (17) Performs other duties as assigned.