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| **109 AW Aircraft Structural Maintenance Technician Vacancy Announcement** **( DSG Enlisted )** |
| **NEW YORK AIR NATIONAL GUARD****109th AIR NATIONAL GUARD BASE**109th Airlift WingStratton Air National Guard BaseScotia, NY 12302-9752 | **ANNOUNCEMENT NO:**   | 23-109-SM |
| **DATE:**  | 30 December 2022 |
| **CLOSING DATE:**  | Until Filled |
| **UNIT:**  109th MXGStratton ANGB Scotia, NY 12302-9752 | **AFSC:** | 2A7X3 |
| **MAX AVAILABLE GRADE:** SSgt (E-5) | **AREA OF CONSIDERATION:** **NATIONWIDE**: All Traditional Guardsman (includes technicians) who meet the basic qualifications for this position. **Anyone Eligible To Join The New York Air National Guard** |
| **POSITION TITLE:** Aircraft Structural Maintenance Technician  |
| **SPECIALTY SUMMARY** *(As outlined in the current AFECD - 31OCT2022)*Designs, repairs, modifies, and fabricates aircraft, metal, plastic, composite, advanced composite, lowobservables, and bonded structural parts and components. Applies preservative treatments to aircraft, missiles, and support equipment**DUTIES AND RESPOSIBILITIES** (*IAW the current AFECD – 31OCT2022)* 2.1. Assembles structural parts and components to meet requirements for preserving structural integrity and low observable qualities.Assesses damage to aircraft structural components and low observable coatings. Advises on structural and low observable repair,modification, and corrosion protection treatment with respect to original strength, weight, and contour to maintain structural and lowobservable integrity. Ensures aircraft component balance is maintained. Assembles repairs using special fasteners and adhesives. Checks repairsfor serviceability according to specifications and technical publications. Manufactures jigs, fixtures, forms, and molds.2.2. Paints aircraft, missiles, and support equipment (SE). Identifies, removes, and treats corrosion using mechanical and chemicalprocedures. Applies corrosion protective and low observable coatings. Applies aircraft paint schemes and markings.2.3. Uses metalworking equipment and tools to form, cut, bend, and fasten replacement or repair parts to damaged structures andcomponents. Fabricates, repairs, and assembles tubing and cable assemblies for aerospace weapon systems and SE. Maintains andinspects tools and equipment. Performs operator maintenance and service inspections on shop equipment and tools. Ensures lockout andtagout procedures are accomplished prior to performing shop equipment maintenance. Stores, handles, and disposes of hazardous wasteand materials according to environmental standards.2.4. Inspects structures and components and determines operational status. Interprets inspection findings and determines correctiveaction adequacy. Posts entries and maintains maintenance and inspection records. Recommends methods to improve equipmentperformance and maintenance procedures. Uses automated maintenance systems. Inputs, validates, and analyzes data processed toautomated systems. Clears and closes out completed maintenance discrepancies in automated maintenance systems.**QUALIFICATIONS AND SELECTION FACTORS:**3.1. Knowledge. Knowledge is mandatory of: aircraft construction features; identification and characteristics of aerospace materials;repair of metal, tubing, cable, plastic, fiberglass, bonded honeycomb, and composite structural components; shop drawing and sheet metal layout techniques; shop mathematics; corrosion identification, removal, repair, and prevention; cleaning of metals; application of protectivecoatings, low observable materials, and markings; proper use, mixing, and storage of acids, solvents, alcohol, caustics, primers, andpaints; and proper handling and disposal of hazardous waste and materials.3.2. Education. For entry into this specialty, completion of high school with courses in mathematics, algebra, chemistry, physics,mechanical drawing, and metal working is desirable. |

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| **TO INQUIRY ABOUT THIS or ANY 109TH AIRLIFT WING POSITIONS:****Please Contact The 109th Recruiting Office @ 518-344-2456 or 109.AW.Recruiting@us.af.mil, with any Qualification/Eligibility or Vacancy Questions.** |