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| **109 AW Propulsion Apprentice Vacancy Announcement**  **( DSG Enlisted )** | | |
| **NEW YORK AIR NATIONAL GUARD**  **109th AIR NATIONAL GUARD BASE**  109th Airlift Wing  Stratton Air National Guard Base  Scotia, NY 12302-9752 | **ANNOUNCEMENT NO:** | 23-109-Props |
| **DATE:** | 30 December 2022 |
| **CLOSING DATE:** | Until Filled |
| **UNIT:**  109th MXG  Stratton ANGB Scotia, NY 12302-9752 | **AFSC:** | 2A6X1 |
| **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:** **Propulsion Apprentice** |
| **SPECIALTY SUMMARY** *(As outlined in the current AFECD - 31OCT2022)*  Inspects, maintains, modifies, tests, and repairs propellers, turboprop and turboshaft engines, jet engines, small  gas turbine engines, and engine ground support equipment (SE). Manages aerospace propulsion functions and activities  **DUTIES AND RESPOSIBILITIES** (*IAW the current AFECD – 31OCT2022)*  2.1. Plans, organizes, and directs aerospace propulsion maintenance activities. Interprets and implements directives and publications  pertaining to maintenance functions, including environmentally safe maintenance practices. Determines resource requirements,  including facilities, equipment, and supplies. Inspects and evaluates maintenance activities.  2.2. Advises, performs troubleshooting, performs engine health management, and determines repair procedures on aircraft engines.  Diagnoses and repairs malfunctions using technical publications and Interactive Electronics Technical Manuals (IETMS). Solves  maintenance problems by studying drawings, wiring and schematic diagrams, technical instructions, and analyzing operating  characteristics of aircraft engines and propellers. Inspects, certifies, and approves completed maintenance actions.  2.3. Removes, installs, inspects, repairs, and modifies engines, engine modules and components, and propellers and propeller  components. Disassembles and assembles engines and propellers adhering to prescribed procedures. Prepares engines and propellers for  installation, storage, or transportation. Tests components using bench mockups and test equipment. Installs and removes engines on test  stands, and operates, evaluates, and performs test stand functions on engines. Accomplishes operator maintenance on test stands. Inspects and  maintains engine ground SE. Operates and performs operator inspections on related SE. Selects, uses, and cares for special tools, hand  tools, and test equipment. Uses and disposes of hazardous waste and materials.  2.4. Analyzes, interprets, and recommends maintenance actions based on unscheduled engine removals and engine monitoring system  data. Coordinates with the base engine manager to analyze scheduled engine removals; recommends forecast actions to the weekly or  monthly maintenance schedules.  **QUALIFICATIONS AND SELECTION FACTORS:**  3.1. Knowledge. Knowledge is mandatory of: mechanical, hydro mechanical, electrical, and hydraulics principles applying to jet and  turboprop engines, and propellers; oil analysis principles; wear metal criteria and guidelines; concepts and application of maintenance  directives; using and interpreting diagrams and technical publications; and the proper handling, use, and disposal of hazardous waste  and materials.  3.2. Education. For entry into this specialty, completion of high school with courses in general science, mechanics, or mathematics 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.** |