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| **ADVERTISEMENT TRADITIONAL GUARD ENLISTED VACANCY ANNOUNCEMENT** |
| **NEW YORK AIR NATIONAL GUARD****174TH ATTACK WING****6001 EAST MOLLOY ROAD****SYRACUSE, NEW YORK 13211-7099** | **ANNOUNCEMENT #:** FY 22-XX |
| **DATE: 12 May 2022** |
| **CLOSING DATE: UNTIL FILLED** |
| **UNIT:** 174th Maintenance Group / Field Training Detachment | **AFSC:** 2A3X5**RANK:** TSgt |
| **POSITION TITLE:** Aircraft Integrated Avionics Training Instructor | **AREA OF CONSIDERATION: NATIONWIDE**All members who meet the qualifications for these positions**Anyone Eligible To Join The Air National Guard** |
| **SPECIALTY SUMMARY**Develops maintenance training curriculum and conducts formal training on MQ-9 Remotely Piloted Aircraft systems. Maintains MQ-9 Avionics & Electrical (A&E) systems at the organizational level. Troubleshoots, inspects, removes, installs, repairs, modifies, and operates aircraft A&E systems, components, and associated support equipment.  |
| **DUTIES AND RESPONSIBILITIES****Duties and Responsibilities.** 1. Develops training curriculum for Remotely Piloted Aircraft (RPA) Avionics & Electrical (A&E) maintenance personnel. Performs classroom and hands-on instruction utilizing approved Air Education and Training Command curriculum. Evaluates and updates courseware as required to ensure learning objectives are met.2. Provides subject matter support to aircraft/equipment manufacturers, MQ-9 System Program Office and Major Commands. Evaluates aircraft software and capabilities using Technical Orders and Maintenance Operational Instructions.3. Inspects, troubleshoots, operates, and maintains aircraft A&E systems, subsystems, components and test equipment using aircraft controls, displays, and portable maintenance aids to determine operational condition. Interprets equipment operating characteristics to isolate malfunctions in systems such as: attack control, core processing, radar, infrared, laser, controls and displays, electro optical and video imaging system, satellite communication systems, flight controls, communication, navigation, identification, satellite communications, electronic warfare, electrical power and distribution, auxiliary power, landing gear, nose wheel steering, lighting, fuel indicating and aircraft utility systems. Uses technical data to trace wiring diagrams and signal data flow. Uses integrated diagnostics, built-in test functions, electronic measuring equipment, Aerospace Ground Equipment, support equipment, and hand tools. 3. Removes and installs system components. Performs and supervises alignment, calibration, modifications and boresight of A&E systems. Uploads operational software into systems components. Removes and installs line replaceable modules, line replaceable units and other system components. Enters maintenance data into automated systems and utilizes aircraft forms as required.4. Inspects, analyzes, and evaluates A&E systems to determine operational status. Interprets inspection findings and determines adequacy of corrective actions. Reviews maintenance management publications and procedures. Recommends methods of improved equipment performance and maintenance procedures. Ensures compliance with technical publications and directives. |
| **CLEARANCE**Secret, as a minimum. (SEE REVERSED) |
| **INQUIRIES ABOUT POSITIONS****Please Contact The Recruiting Office @ 1800-883-4484 For Qualification and Eligibility Questions.****(This number rings on all recruiting phones)** |