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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: 14 July 2022** |
| **CLOSING DATE: UNTIL FILLED** |
| **UNIT:** 174th Maintenance Group / Field Training Detachment | **AFSC:** 1D7X1R (Two Positions)  **RANK:** TSgt / MSgt |
| **POSITION TITLE:**  RF Transmission Operations 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 curriculum and conducts formal maintenance training for Remotely Piloted Aircraft (RPA) Communications personnel. Manages and performs defensive cyber operations and cyber support functions. Deploys, sustains, troubleshoots and repairs RPA radio frequency wireless, line-of-sight, beyond line-of-sight, wideband, and ground-based satellite and encryption transmission devices in fixed and deployed environment, including multiple waveform systems operating across the spectrum, keying and signal devices; telemetry, and instrumentation systems. Establishes and maintains circuits, configures and manages system and network connectivity. | |
| **DUTIES AND RESPONSIBILITIES**  1. Develops training curriculum for Remotely Piloted Aircraft (RPA) Communications personnel. Performs classroom and hands-on training 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 software and capabilities using Technical Orders and Maintenance Operational Instructions.  3. Performs/supervises wireless radio and satellite systems and equipment maintenance activities. Interprets inspection findings and determines adequacy of corrective action. Reviews and ensures compliance with maintenance publications and procedures. Enforces safety standards for ground RF system maintenance activities.  4. Inspects wireless radio/satellite communications and determines equipment operational status, interprets findings, initiates corrective action and determines adequacy of corrective action. Checks installed and repaired components for compliance with technical publications.  5. Maintains ground radio, satellite, and telemetry communications equipment. Repairs, overhauls and modifies communications and related equipment. Isolates malfunctions utilizing test equipment, voltage analyzers, waveform measurements and schematic diagrams. Tunes, adjusts, aligns and calibrates equipment for maximum operating efficiency. Assembles, connects, secures, and interconnects components such as transmitters, power supplies and antenna assemblies. Uses layout drawings, schematics, and pictorial diagrams to solve maintenance problems and determine repair procedures to correct defective equipment. Tests installed equipment for proper assembly of components and compliance with Technical Orders.  6. Performs preventative maintenance on communications systems and related equipment. Inspects equipment at specified intervals to determine operational status. Replaces defective components and performs operational checks. Updates maintenance data collection records and systems to document actions completed. | |
| **CLEARANCE**  Top 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)** | |