

## POSITION DESCRIPTION

**TITLE:** UAS Technician (Low Altitude)

**REPORTS TO:** Senior UAS Technician (Low Altitude)

**WORK EXPERIENCE:** Four (4) years of flight-line aviation maintenance experience. Three (3) years' experience working with an UAS (preferred).

**EDUCATION/TRAINING:** High School Diploma. Aircraft Mechanic, Avionics Electronics, or Communications Technician qualified.

**FSLA Status:** Exempt

**REQUIREMENTS:** Current Secret Security Clearance. US Citizen or proper immigration status.

Skills and Characteristics:

Excellent attention to detail. Very good communication skills both written and verbal. Team player.

Physical Requirements:

Must be able to lift up to 50 pounds.

**RESPONSIBILITIES:**

Position Summary:

Inspects, troubleshoots and performs scheduled and unscheduled organizational level maintenance utilizing applicable maintenance directives/instructions on small tactical Unmanned Aircraft System (s). Maintains, repairs and modifies aircraft structures, structural components, and aircraft components including but not limited to flight controls, engines, hydraulics, pneumatics, fuel systems and mechanical components, and avionics systems and components. Maintains, repairs and modifies communication and sensor systems and components to include LNS and C-Band communications and support equipment, Ground Control Stations (GCS), Ground Data Terminals (GDT), standard 6 radio frequency, line-of-sight, wideband, and ground-based satellite, peripheral computer/communications and cryptographic equipment, and EO/IR sensors. Applies technical knowledge of UAS in determining equipment malfunctions and applies technical expertise in restoring equipment condition and operation. Applies professional technical expertise and guidance to solve complex problems by interpreting technical data such as blueprints or manufactures' manuals.

Essential Duties and Responsibilities:

- Performs post-flight, thru-flight, pre-flight, acceptance, and transfer inspections, launch, recovery, towing, servicing, and ground handling actions.
- Removes and replaces line replaceable units & UAS components.
- Ensures complete and accurate documentation of maintenance data/forms and Asset Management System in accordance with contractor directives.
- Identifies and communicates maintenance and support requirements to the flight line expediter or production supervisor.
- Performs UAS & equipment packing/shipping to fulfill worldwide mobility tasking.

- Deploys in support of worldwide mobility tasking as directed by higher headquarters.
- Identifies discrepancies on maintaining, servicing and inspecting UAS and related aerospace equipment and develops solutions.
- Diagnoses malfunctions and initiates corrective electronic actions.
- Submits material, product and software deficiency reports.
- Inspects and troubleshoots and maintains aircraft structures, systems, components and related equipment.
- Uses maintenance technical orders (TOs) and technical data to diagnose and solve maintenance problems on UAS.
- Conducts functional tests of repaired components and systems.
- Performs aircraft jacking, lifting, and towing operations.
- Performs UAS component acceptance and transfer inspections.
- Ensures compliance with published safety guidelines. Reviews maintenance forms and aircraft records.
- Reviews aircraft maintenance forms and aircraft records and enters data into these forms and IMDS to ensure all data is accurate and complete.
- Inspects and checks components for clearances, tolerances, proper installation and operation.
- Determines proper maintenance procedures to repair and return systems and components to maximum efficiency.
- Assists in launching and recovering of aircraft.
- Performs crash recovery duties.
- Maintains UAS equipment and supports the inventory of this equipment.
- Understands and implements the BFS Quality Management System. Supports the team in achieving quality objectives and performance standards. Identifies non-conformances and develops corrective action plans to prevent recurrence. Implements continuous improvement to increase the effectiveness of the BFS Quality Management System.
- Performs all other duties as assigned or directed.