



## Citrus County Mosquito Control District

### HELICOPTER PILOT

**\$28.43 - \$43.99 hourly / \$59,134.40 - \$91,499.20 Yearly**  
**(full-time/non-exempt)**

#### MAJOR FUNCTION

Performs all duties associated with operating and maintaining rotary-wing aircraft in support of aerial application of mosquito control products as part of the district's integrated pest management plan.

#### DISTINGUISHING FEATURES

Employees in this class perform duties of considerable difficulty requiring initiative and independent judgment under general direction.

#### MAJOR DUTIES

Note: The following duties are fundamental, essential functions of the position and are not intended to be an exhaustive list of all job duties. These documents are descriptive and not restrictive; incumbents can complete job duties of similar kind not specifically listed here. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential duties of the position.

- Pilot will be in command of aircraft during low level spraying missions for inspection, larviciding and adulticiding operations. Spray equipment may include liquid or dry systems.
- Pilot must be capable of maintaining proper swath control within the capabilities of the equipment available.
- Pilot aircraft in a variety of nighttime missions, while wearing Night Vision Goggles (NVG), to conduct adulticiding operations over both rural and heavily populated areas in response to mosquito activity and disease threats.
- Pilot is responsible for cleaning and/or flushing the spraying equipment after completion of spray missions.
- Pilot is responsible for keeping the aircraft in a clean and airworthy condition. Pilot must schedule and coordinate repairs and maintenance.
- Pilot is responsible for attaching and/or changing of aerial spray equipment to suit the spray mission requirements.
- Pilot is responsible for coordinating spray area information with ground-based inspectors and relaying observations to appropriate personnel.
- Pilot is responsible for maintaining all appropriate paperwork related to the aircraft operations and utilization.
- Pilot is responsible for maintaining the Aviation Emergency Response Plan.
- Pilot is responsible for hangar/heliport safety and upkeep.
- Pilot shall represent the Mosquito Control District in a professional manner to peers and associations at all times.
- Pilot ensures safe flight performance margins for every operation, and that all are conducted in accordance with applicable parts of Federal Aviation Administration (FAA) 14 CFR, Part 91, Part 137, and the FAA Congested Area Plan.

- Performs training and record keeping requirements for Aerial operation support personnel.
- Implements and carries out safety programs, procedures and inspections relating to aerial operations,
- Pilot performs regular, routine maintenance and cleaning of a variety of spray equipment to include; calibration and characterization of both wet and dry application systems
- Pilot adheres to all applicable Federal, State, County, and Local Ordinances.
- Pilot maintains technical proficiency and ensures compliance with all Federal Aviation Administration (FAA) requirements related to visual and instrument flight rules, congested area flights, and low altitude flying; equally: as the State of Florida Department of Agriculture and Consumer Services requirements for Aerial Applicators.
- Maintains flight log and record of activities.
- Coordinates duties with other Pilot(s), as applicable.
- Performs other duties as assigned.

## KNOWLEDGE, SKILLS, & ABILITIES

The intent of the listed knowledge, skills, and abilities (KSA) is to give a general indication of the essential requirements for all positions in the Aviation realm; therefore, the KSAs listed are not exhaustive or necessarily inclusive of the requirements of every position in the class. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential KSAs of the position.

- Thorough knowledge of all aircraft operations with particular regard to low-level flight, during day and night operations.
- Thorough knowledge of all Federal, State, and Local laws, rules, regulations and restrictions pertaining to the operation of aircraft utilized for spraying and inspection activities within the State of Florida.
- Ability to assist personnel with ground loading.
- Ability to understand, interpret and carry out instructions and effectively communicate with staff.
- Ability to keep necessary records and reports including flight logs and maintenance records.
- Physical strength and agility to work outside, occasionally under adverse weather conditions.
- Ability to establish and maintain effective working relationships with other employees and the public.
- Knowledge of flight safety rules and regulations and of the precautions to be taken to avoid accidents.
- Highly skilled in landing an aircraft in remote and undeveloped areas.

## POSITION REQUIREMENTS

- Must possess and maintain a Commercial Pilot's License with a rotorcraft with a minimum of hours logged in aircraft as required by District's insurance underwriter.
- At a minimum, must hold an FAA second class medical certificate.
- Must be acceptable to the District's aerial insurance underwriters for operating air spraying aircraft.
- Must possess the ability to operate computers including proficiency in Microsoft Office Suite and be able to learn and operate internal programs including maintenance and application databases.
- Must possess at minimum, a high school diploma.
- Must possess and maintain the Public Health Pest Control Certificate and the Aerial Applicators Endorsement issued by the State of Florida DACS.
- Must possess a valid Florida Driver's License.
- FAA Instrument Rating in category
- Must be able and willing to work at times outside the regular scheduled workweek to include evenings,

weekends, and holidays.

- Must be able to read, write, understand and communicate in English (to comprehend technical and safety manuals and instructions, write reports, procedures, etc.).
- Must be able to speak clearly and concisely when communicating with other
- Must be legally authorized to work in the United States.

### **PREFERRED QUALIFICATIONS:**

- Experience flying Bell 206B helicopters.
- 2 years of experience in Aerial Applications
- FAA Certified Flight Instructor (CFI) rating (rotorcraft or airplane)
- Experience utilizing AGNAV GPS application guidance systems
- Experience with maintenance tracking programs
- Knowledge of Integrated Mosquito Management.
- Knowledge of commonly used control agents employed for both mosquito larvae and adults.
- Knowledge of aerial and ground application equipment used for the control of mosquitoes, utilizing current mosquito control principles and insecticides.
- Knowledge of F.A.A. rules and regulations as they pertain to mosquito control operations and the operation of public use and civil certified aircraft.
- A current FAA Flight Medical Certificate (Class II), with no waivers.
- Experience in low level, nap of the earth, or agricultural spraying or dusting flight time as a PIC.
- State of Florida DACS Aerial and Public Health Pest Control License.
- 2000 hours total time.
- 1500 hours in category.
- 1000 hours as PIC in category.
- At least 500 hours of turbine time.
- At least 250 hours in type.
- 200 hours unaided as a PIC at night.
- 100 hours experience as a PIC with NVG's.

### **PHYSICAL REQUIREMENTS AND WORK ENVIRONMENT**

The physical demands and work environment characteristics described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential requirements of the position.

**Physical Requirements:** Moderate-to-strenuous physical activity is required on a daily basis including lifting, carrying up to fifty pounds, reaching and pulling with arms, stooping, squatting, walking, kneeling, bending, standing, climbing in and out of various equipment and vehicles and climbing up and down ladders. May be required to sit for long periods during application work. Must be able to use hands and fingers to grip and operate a variety of tools and equipment related equipment.

**Work Environment:** The pilot will be exposed to inside and outside environmental conditions, noise, vibration, close proximity to moving parts, working in high places, exposure to chemicals, fumes, odors, and oils and may be required to wear a respirator. This position is such that the person filling it will be

expected to perform heavy work from time to time (exerting up to 50 lbs. of force frequently to lift, carry, push, pull, or otherwise move objects).

## **ADDITIONAL INFORMATION**

A background check will be conducted.

All employees are subject to the Citrus County Mosquito Control District's Policies & Procedures Manual.

Citrus County Mosquito Control District is a drug free workplace and will require a pre-employment drug screening for this safety sensitive position.

Veterans' preference is provided in accordance with Florida law, as applicable.