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Coeur d'Alene, ID 83814
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UAV Technician Job Description

xCraft is the fastest growing drone manufacturer in the Northwest. Our mission is to develop powerful flying machines that change the world. The UAV Technician must be a rock star employee that is capable of building, flying, and repairing drones or RC aircraft. The UAV Technician works as part of a team to accomplish this goal. This position reports to the Operations Manager mainly focuses on building, flying, and repairing drones or RC aircraft.

Primary Tasks:

- Building flight vehicle structure and related components using composite, foam, and wooden construction techniques
- Installing, repairing, and troubleshooting flight vehicle electrical systems including, but not limited to, power systems, flight controllers, sensors, cameras, and radio control systems
- Excellent solder skill a must
- Ability to produce clean and neat work a must
- Excellent drone and radio-controlled piloting skills
- Ability to assist with experimental tests on drone prototypes, systems, and equipment
- Support production and manufacturing teams with installations and fabrication
- Demonstrated ability to organize and prioritize work, multi-task, and manage time effectively
- Good personal time management skills and strong work ethic
- Must be able and willing to work within a team environment

Desired skills:

- Aerospace- related education/ experience a plus
- Solid modeling experience
- Hybrid VTOL design experience
- General understanding of Fixed Wing flight
- Electrical lab experience- logic analyzers, oscilloscopes, power supplies, etc.

Must be competent using the following software:

- Microsoft Office Suite / Google Drive Suite
- Slack – For team communication/instant messaging
- Wunderlist – for task lists/sharing/tracking
- Asana – for setting and tracking schedules and remote team coordination
- Windows 10 and Linux desktop
- Mission Planner, AuduPilot, RFD 900 Tools

Common Tasks:

All xCrafters take part in common tasks. We are all expected to keep our work area and common areas clean and functional. If you notice something needs to be done, do it! ☺

- Office cleanup – sweeping, dusting, general organizing, taking out trash, vacuuming, etc.
- Kitchen patrol – washing dishes, making coffee, refrigerator cleaning, counter cleanup, etc.
- Answering phones

- Shipping/Receiving – packing, creating shipping labels, taking packages to post office, etc.
- General labor as needed
- Performs other duties as assigned.

Acceptable Experience and Training:

- Two (2) years' experience in a related field is required; or
- An equivalent combination of education and experience that provides the required skills, knowledge and abilities to successfully perform the essential functions of the position may be considered.
- Bachelor's Degree in Engineering or other technical field a plus
- Part 107 Pilot License a plus

Physical Duties & Work Environment:

While performing the duties of this classification, the employee is frequently required to stand, walk, sit, stoop, kneel, bend, use hands to manipulate and make adjustments to tools used in performing the essential functions of the classification, and reach with hands and arms. The employee must frequently lift and/or move up to 25 pounds and, infrequently, up to 50 pounds. Specific vision abilities required by this classification include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus. Sufficient clarity of speech and hearing abilities required by this classification includes those which permit the employee to discern verbal instructions and communicate effectively in person and by telephone and to discern safety warnings such as alarms and emergency warning sounds. While performing the duties of this classification, the employee works in an indoor building and outdoor setting where the noise level in the work environment is usually moderate but during times of configuration and testing can be louder, and that includes exposure to inclement weather for outside testing.

I have read, understand, and agree to this job description.

Signed _____ Print _____

Date _____