

 **City of Pendleton**

 **Job Description**

**UAS Range Operations Specialist**

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| --- | --- |
| **Department**: Airport  | **FLSA**: Non-exempt |
| **Reports to**: UAS Range Manager  | **Representation**: SEIU |
| **Pay Range**: 22  | **Date**: December, 2022  |

**GENERAL POSITION SUMMARY:** *Briefly describe why this position exists.*

The Range Operations Specialist is responsible for overseeing Test Range scheduling, allocating resources, managing daily operations, training staff and performing operational administrative duties.

**ESSENTIAL FUNCTIONS/MAJOR RESPONSIBILITIES:** *List those tasks that must be done to accomplish the job purpose. In order of importance or time spent on the task, please describe the various duties of the job which are critical to the successful performance of the job* ***or*** *occupy more than 5% of the time. Start each sentence with an action verb. Group tasks which require similar skills/knowledge together. Think in terms of WHAT needs done, not HOW it is done. Avoid describing procedures. Describe in such a way as to be clear to someone outside the profession.*

1. Coordinate/Assign Airspace: Plan, coordinate and supervise activities pertaining to UAS Flight Operations in the national airspace, by maintaining electronic range scheduling tools; and assigning range users specific blocks of airspace. Coordinate range scheduling meetings with all range users. Review customer mission planning.
2. Frequency Management Services by documenting frequency ranges of customer’s equipment, actively managing frequency approvals to prevent interference between users; and maintaining frequency management logs.
3. Operation oversight: Oversee daily test range operations, to include security and test range adherence to FAA standards, by effective communication with range users and ensuring range users are compliant with established range processes. Review customers’ processes, observe operations in real time, halt unsafe or unauthorized operations, conduct root cause analysis to correct deficiencies and redirect the customer accordingly.
4. Customer Service: Provide customer service support on a daily basis to range users by meeting with potential customers, helping to determine their needs, coordinate schedules for their proposed activities, provide for their safety requirements, and respond to questions, concerns and/or complaints. Identify what kind of support the customer needs such as tools, machine shop support, and fire support and coordinate with those outside service providers.
5. Safety: Evaluating each operations’ safety needs by attending flight readiness reviews, post-flight reviews. Maintain safety records, including checklists. Stop any operations deemed unsafe. Participate in accident review boards as required.
6. Compliance: Ensure customers have the required paperwork for operations at the range (FAA Certificate of Authorization/Waiver, insurance, Public Aircraft Lease, Airworthiness Statement). Assist range users as required in the preparation of these documents, evaluating response, and make changes as required by FAA and range process policies and procedures. Submits paperwork to University of Alaska for approval.

**IMPORTANT FUNCTIONS:** *List those tasks or duties that may be assigned, but are not essential to fulfill the job purpose; any ancillary job tasks, or those that take less than 5% of the time. All jobs have non-essential functions.*

1. May prepare and perform special projects as assigned.
2. May conduct community outreach activities such as tours or speaking to civic organizations or schools.
3. May be appointed to serve on various committees, such as the Safety Committee.
4. May be required to work at off-airport locations.

**DISTINGUISHING CHARACTERISTICS:** *If the position is in a series (i.e. Office Specialist 1, 2, 3), describe what separates this job from the others in the series.*

Position not in a series.

**JOB SPECIFICATIONS:**

1**. Education & Experience** *Education and experience requirements are minimum standards.*

1. Bachelors Degree in any management or aerospace field is preferred, but not required for the position; and
2. Work Experience: Indicate the minimum level of work-related experience required to effectively perform the position’s responsibilities. Check only one box.

[ ]  Less than 12 months

[ ]  1 – 3 years

[x]  3 – 5 years

[ ]  5 – 8 years

[ ]  Other

Describe experience: Management experience in aviation plus 2-3 years UAS experience required.

1. Satisfactory equivalent combination of education and experience.

**2. Special Requirements:**

1. [x]  Must possess, or be able to obtain by time of hire, a valid driver’s license.
2. [x]  Must be able to pass the department’s security clearance standards including review of criminal history and driving record.
3. Choose an item. in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ required Choose an item. of hire;

**3. Necessary Knowledge, Skills and Abilities:** *Note any specific knowledge, skills or abilities needed for this position. Add or delete from the sample list below.*

1. Knowledge of methods, techniques, materials and equipment related to all aspects of unmanned aircraft ground support equipment.
2. Knowledge of and ability to use tools and equipment used in aircraft maintenance.
3. Knowledge of City policies, procedures, regulations, and codes related to area of responsibility.
4. Knowledge of radio frequency characteristics.
5. Knowledge of safety standards, practices and procedures applicable to area of assignment.
6. Ability to operate computers proficiently.
7. Ability to understand, analyze and interpret technical specifications.
8. Ability to manage aerospace projects and oversee the work of contractors and temporary help.
9. Ability to work independently in the absence of direct supervision.
10. Ability to maintain regular and predictable attendance to serve customers/interact with (specify: co-workers/supervisor/patrons/clients, etc.), attend meetings, training, etc., or other face-to-face job requirements.
11. Ability to establish and maintain effective working relationships.
12. Ability to work as a team member.
13. Ability to perform work in a manner consistent with the City’s Core Values of: Respect, Integrity, Caring, Responsibility, Citizenship, Cooperation and Industriousness.
14. Ability to perform the essential functions of the job.

**4.** **Tools and Equipment Used:** *List specialized tools or equipment needed to perform tasks. Add or delete from the sample list below.*

1. Standard office equipment including telephones, computer, printer, fax machine and copy machines; Computer software (Choose all that apply):

[x]  MS based word-processing, spreadsheet, and/or data base programs

[x]  Outlook or other email communication.

[x]  Internet and/or social media

[x]  Presentation or desktop publishing software

[x]  Specialized or custom software

1. Vehicle - Car/pickup/van/SUV
2. Variety of hand tools as well as power tools such as drills, saws, etc and various electronic test instruments used in performing maintenance and repair tasks.

**5.** **Supervision:**

1. This position does not supervise other staff.
2. This position does not provide lead worker.
3. This position reports to the UAS Range Manager. Supervision received is *(Choose one)*:

[x]  Direct. Supervisor provides assignments, directs work on a regular basis, and tasks or procedures are usually well defined.

 [ ]  General. Work is assigned more generally and the employee has some autonomy to determine the order or manner in which the work is completed. Existing practices and procedures are used as guidelines to determine work methods.

 [ ]  Limited. Work is performed highly independently with little direction. Position has significant decision-making discretion. Work is evaluated for overall effectiveness.

**6.** **Communications**:

1. Communications are: (*Choose one*)

[x]  Primarily with other City staff and/or customers.

[ ]  Regularly includes others outside the organization (not customers), such as vendors, contractors, attorneys, agents, or business partners.

[ ]  Routinely with leaders inside and outside the organization such as department heads, City Councilors, public officials from other agencies, and/or community leaders.

1. The communications may be (*Check any that apply*):

[x]  Complex

[ ]  Controversial

[x]  Confidential

[ ]  Have significant impact (affect City services or reputation, or have legal or financial consequences)

**7.** **Cognitive Functions**: *Check the one that most closely aligns to position:*

[ ]  Tasks require the employee to remember complex processes and/or be able to perform multi-step jobs without step-by-step instructions. Requires a moderate level of independent thinking and reasoning.

[x]  Tasks are highly creative or complex and requires significant mental exertion that would typically require specialized schooling, training, certification or a license to be able to accomplish. Employee has some control over the planning and performance of the work, and may determine their own practices and procedures.

[ ]  Responsibilities include significant accountability (i.e. could expose the City to risk or liability, generate public censure, or impact the work or reputation of the City.) Work is performed highly independently. Employee has significant control over the planning and performance of the work, and may develop or recommend new practices and procedures.

[ ]  Responsible for developing or approving programs/services; determining quantity and/or quality standards; and monitoring, evaluating, and analyzing program effectiveness to determine success or failure. Routinely engages in autonomous problem-solving. May include developing and implementing policies, procedures or regulations.

1. **Problem Solving:** *Indicate the nature of problems regularly encountered by this position. Check only one box.*

[ ]  Most situations are resolved using standard procedures and established guidelines.

[x]  Situations are somewhat varied; requires application of specific technical skills and expertise.

[ ]  Varied situations that require significant analysis or interpretation; general precedents and practices used, but may be modified.

[ ]  Highly varied and unpredictable situations, complex and often non-recurring; new and creative approaches required.

**9.Work Environment*:*** *The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

1. Work is performed primarily indoors. Work is most often in a temperature controlled office.
2. Strength Rating (see attached definitions) is: Medium .
3. Hazards include: *Check all that apply and include the percentage of time exposed to the listed hazard:*

[x]  Office environment / no specific or unusual physical or environmental demands.

[x]  Work on and around heavy construction equipment \_\_10\_\_%

[x]  Exposure to toxic elements/hazardous chemicals \_\_10\_\_%

[ ]  Work at heights in excess of 20 feet \_\_\_%

[ ]  More than occasional exposure to poor air quality (excessive dust, smoke, fumes, gases, etc.) \_\_\_\_%

[x]  Exposure to weather or temperature extremes <5 %

[ ]  Isolation \_\_\_\_%

[x]  Exposure to light or noise extremes <5 %

[x]  Regular travel outside the City \_20\_\_\_%

[ ]  Risk of injury \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(list) \_\_\_\_%

[ ]  Significant physical exertion required to\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_%

[ ]  Other (describe) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. General hours of work are 8:00 a.m. – 5:00 p.m. Monday – Friday. Variations include (check all that apply):

[ ]  Frequent or regular overtime

[ ]  Subject to emergency call out

[x]  Split or Night shifts as required to accommodate range activities as determined by customer flight requirements.

**10.** **Resource Accountability:**

1. Check item(s) that describe involvement in the budgetary process:

[ ]  Not applicable [x]  Input [ ]  Prepare [ ]  Forecast [ ]  Monitor [ ]  Approve

1. This position has resource accountability for the following level of assets (choose one):

[ ]  Significant – as would be typified by purchasing authorization up to $25,000, or responsibility for operation or use of very high-level equipment/assets.

[x]  Moderate – as would be typified by purchasing authority up to $5,000 or responsibility for operation or use of equipment/assets of moderate value.

[ ]  None/Low – employees with no purchasing authority or responsibility for operation or use of equipment/assets of modest value.

1. Persons in this classification are responsible to make purchasing decisions resulting in the most efficient solution for the lowest cost.

*The job classification description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.*

Drafted: January, 2023

Adopted:

Revised:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Employee Acknowledgement/Date Supervisor Approval/Date

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Department Head Approval/Date Administration Approval/Date

Overall Job Strength Rating Definitions

(Oregon Workers’ Compensation Rules, Div. 436-035-0012)

**S - Sedentary** – exerting up to 10 pounds of force occasionally, or a negligible amount of force frequently to lift, carry, push, pull, or otherwise move objects. Job is mostly sitting, but brief walking and/or standing (occasionally) may be required.

**L – Light**  - exerting up to 20 pounds of force occasionally, or up to 10 pounds of force frequently, or a negligible amount of force continually to lift, carry, push, pull or move objects. Job is largely sitting, but more than sedentary walking or standing may be required. Work is light if job tasks are done sitting, but considerable upper body or arm movement or use of leg controls is involved.

**M – Medium** - exerting 20 to 50 pounds of force occasionally, or 10 to 25 pounds of force frequently, or greater than negligible up to 10 pounds of force continually to lift, carry, push, pull or move objects. Standing, walking, and/or other positional physical movements may be occasional to frequent.

**H – Heavy** – exerting 50 to 100 pounds of force occasionally, or 25 to 50 pounds of force frequently, or 10 to 20 pounds of force continually to lift, carry, push, pull, or move objects. Walking, standing, and other positional physical requirements may be frequent to continual.

**V/H – Very Heavy** – exerting in excess of 100 pounds of force occasionally, or in excess of 50 pounds of force frequently, or in excess of 20 pounds of force continually to lift, carry, push, pull, or move objects. Walking, standing, and other positional physical requirements may be frequent to continual.