

Aircraft Maintenance Specialist

DESCRIPTION OF WORK: Positions in this banded class perform inspection, maintenance, modification, and repair of systems for fixed-wing and rotary aircraft. Work involves troubleshooting and analyzing technical problems, major and minor inspections, and scheduled and unscheduled maintenance. Work requires extensive knowledge of the principles of operation and maintenance of aircraft, engines, and their related systems by using manufacturer and accessory maintenance manuals, service bulletins, and Federal Aviation Administration [FAA] rules and regulations as approved data. Work requires mechanical and machine operation skills. Work is performed under general supervision and may be reviewed and inspected in progress or upon completion. Work is evaluated for effective and efficient utilization of materials, equipment, and labor; and for accuracy and compliance with instructions or maintenance directives. Positions may fly aircraft on test flights or accompany pilots on test flights. At the journey and advanced levels, positions in this class may have management responsibility including employee supervision, budgeting, parts inventory, planning, and instructional or safety training. Specific FAA licensure and certification is required by most positions in this class.

EXAMPLES OF COMPETENCIES: CONTRIBUTING

Knowledge and Skill-Technical: Knowledge of established protocols. Ability to independently perform routine scheduled and unscheduled repairs, maintenance tasks, and inspections utilizing necessary tools and machinery.

Regulatory Standards: Ability to understand and follow required protocols in assigned fields of aircraft operations.

Administrative Operations: Ability to document inspection, maintenance, and repair operations as required by established guidelines.

Human Resources Supervision (if applicable): May require the ability to provide assistance to a higher-level manager in recruitment and selection process. Ability to implement work plans. Ability to conduct performance reviews with the assistance of a higher-level manager. Ability to identify and recommend career development opportunities with employees.

JOURNEY

Knowledge and Skill-Technical: Thorough technical knowledge of aircraft systems. Ability to independently perform full scope of repair, inspections, modifications, and maintenance. May require the ability to develop and fabricate special tools for unusual work projects. Ability to serve as lead, resource, or supervisor to others.

Regulatory Standards: Ability to understand and follow required protocols in assigned fields of aircraft operations and ability to interpret protocols in unusual circumstances. May require the ability to act as a lead in training or overseeing other workers in following protocol.

Administrative Operations: Ability to document inspection, maintenance, and repair operations as required by established guidelines. Ability to participate in budgeting, planning, organizing work, and setting work standards for the unit.

Human Resources Supervision (if applicable): Ability to recommend and/or make selection decision. Ability to develop and implement work plans. Ability to conduct performance reviews. Ability to participate in the disciplinary and grievance processes as needed. Ability to ensure employees have access to tools and information for career development opportunities. Ability to actively participate in employee growth and development. Ability to plan and deliver on-the-job training.

ADVANCED

Knowledge and Skill-Technical: Thorough technical knowledge of aviation operations. Ability to research and develop specialized technical programs, such as safety and education initiatives.

Regulatory Standards: Ability to ensure unit compliance with governmental and manufacturer regulations. May require the ability to serve as a consultant to pilots and airport managers on pertinent

Human Resources Supervision (if applicable): Ability to oversee unit/organization supervisors to ensure compliance with recruitment and selection policies and procedures. Ability to oversee unit/organization supervisors to ensure compliance with performance management policies and procedures. Ability to recommend resolution of disciplinary and grievance issues. Ability to review and authorize training opportunities for unit/organization. Ability to lead

issues, such as safety and governmental regulations.

employee growth and development initiatives.

Administrative Operations: Ability to oversee required documentation of procedures. Ability to establish or make recommendations on unit goals and standards. Ability to make operational decisions, on such matters as budgets, workload distributions, and scheduling.

MINIMUM TRAINING AND EXPERIENCE:

Graduation from an FAA approved aviation maintenance technician school and one year of experience in aircraft inspection, maintenance and repair; or high school diploma or equivalency and three years of related experience; or equivalent combination of training and experience. Some positions may require a valid Federal Aviation Administration Airframe and Powerplant license, current certification by the EPA as a type I, II, III, or Universal technician as required by CFR part 82, subpart F, or other special licenses or certifications.

PLEASE NOTE: Some positions may have special licensing requirements, such as possession of valid Federal Aviation Administration Airframe and Powerplant license. May require current certification by the EPA as a type I, II, III or Universal technician as required by CFR part 82, subpart F. Specific license and certification requirements should be listed in individual postings.

Special Note: This is a generalized representation of positions in this class and is not intended to reflect essential functions per ADA. Examples of competencies are typical of the majority of positions, but may not be applicable to all positions.