Aviation Junior System Technician

Constellation Aviation Solutions (CAS) is a professional technical services contractor responsible for providing planning, coordinating, and onsite field services activities to ensure FAA operational policies, standards, processes, and procedures are met prior to integrating new systems into assigned National Airspace System (NAS) facilities. We invite you to put your talents to work for us and our customers. We are searching for a motivated, responsible Senior Technician ready to join our team of technical professionals who interact directly with our customers to bring about modernization of government mission-critical systems and infrastructure.

As the Junior Technician, you will be part of a team that works independently providing electrical/mechanical/system expertise support. This position involves site survey activities, documenting findings, and assists the customer with scheduling site installations, installing equipment, maintenance, repair, and removal activities. It also conducts equipment pre-installation testing, generates installation documentation, and conducts post-installation test procedures. Additionally, this position monitors the progress of all assigned implementation activities and provides status updates, as required. You must be an initiative-taker capable of leading projects independently. You must be able to interact with a geographically dispersed team comprised of government staff, contractor personnel, and airport sponsors who encompass a broad spectrum of professional disciplines to achieve the customer's objectives.

RESPONSIBILITIES:

1. Perform and assist with all activities related to the transition from existing systems to new systems in FAA operational facilities and other assigned facilities.
2. Perform hands-on support for voice switch equipment and components, including hardware installation, software loads, integration, system staging, and system maintenance.
3. Perform site preparation, system installation (including cabling and connections to local area and wide area networks), and system checkout in equipment rooms and operational spaces of assigned facilities.
4. Assist with technical planning and assessing site-specific data to determine the suitability of system architecture for site applications.
5. Coordinate planned program implementation activities and maintenance actions with FAA Engineering Services, FAA Service Area, District, Air Traffic, Tech Ops, Operations Control Center personnel, local site organizations, and other key stakeholders.
6. Conduct site surveys to support the installation of electronic equipment, identifying facility equipment space, cable pathways, power, grounding, seismic, and compliance with FAA, OSHA, and pertinent requirements.
7. Assist with developing cost estimates and analyzing reports impacting implementation activities such as site prep, equipment delivery/storage, telecommunications, installation, and decommissioning.

8. Perform local and remote equipment testing, run system diagnostics to identify faults, and perform preventive and corrective maintenance.
9. Perform system restoration, including replacement of Line Replaceable Units (LRUs) to remedy failures, and process/return failed LRUs for repair.
10. Respond to trouble calls, implement software patches, and update system configuration parameters as required.
11. Track spare part stock levels, verify work order information, and manage logistics/receipt of necessary equipment.
12. Support familiarization training for FAA system support personnel.
13. Maintain and update implementation documentation, including drawings, specs, calculations, as-builts, trip reports, and log actions.
14. Support the development and review of Technical Manuals.
15. Collect and maintain system performance data to support identification of mission needs and operational capability shortfalls.
16. Contribute to developing and maintaining implementation schedules by providing inputs based on specific project work.
17. Participate in daily/weekly team conference calls, meetings, program status activities, and Technical Interchange Meetings (TIMs).
18. Assist with providing inputs to program briefings, presentations, site surveys, and test reports.
19. Ability to handle multiple tasks during emergency situations.

QUALIFICATIONS:

- Must have Associates of Science or Arts degree.
- Must have 0 - 5 years of experience in a position with similar responsibilities.
- Prefer military, FAA, or private industry field implementation experience
- Must be able to read, write, and speak English fluently.
- Must have the ability to discern colors used for safety and telecommunications terminations.
- Must maintain a valid Driver's license, reliable transportation, and a good driving record
- Proficient in the use of a laptop computer and applications such as with MS Office products, SharePoint portals, and test equipment and diagnostic software
- Must possess knowledge of communications wiring standards and installation practices
- Must possess knowledge of telecommunications switching and common control systems
- Experience and understanding working with engineering drawings and technical procedures
- Must have experience in standard hand tools to include power tools, Powder Actuated Tools, ladders, as well as specialty hand tools and test equipment
- Must be able to push, pull, and/or lift 35 lbs
- Must be able to regularly climb ladders, carry, bend, stoop, reach, crawl, and work in small/closed places to complete the assigned tasks
- Remain standing and/or walking for extended periods.
- Must be able to occasionally work during odd hours (night shift) while on-site and during specific system outages or during airport closures when systems are available for service maintenance.

- Frequently bend, stoop, kneel, crouch, reach, crawl, and twist while performing assigned duties.
- Work in confined, restricted, or otherwise tight spaces as required by operational needs.
- Perform repetitive physical tasks while maintaining quality, productivity, and safety standards.
- Safely operate in an industrial, warehouse, manufacturing, or field-service environment.
- Ability to walk up/down multiple floors, stairs, or ladders.
- Use appropriate personal protective equipment (PPE) and follow all company safety policies and procedures.
- Candidate must pass a drug screening for pre-employment process.

LOCATION: This is a remote position. However, the candidate must live in the contiguous US.

SCHEDULE & TRAVEL:

- Typical schedule is M-F normal business hours, however, schedule flexibility is required, as some customer activities may require travel on weekends, shift change, and weekend work to accommodate customers site needs
- It is estimated this position will travel **75%** within the U.S.

SECURITY: Candidate must be a United States citizen or a resident alien who has been lawfully admitted for permanent residence in accordance with the Alien Registration policy established by the U.S. Immigration and Customs Enforcement. Candidates must also be able to submit to and complete the appropriate background investigation and security via the Standard Form (SF) 85P, Questionnaire for Public Trust Positions.

BENEFITS:

- Comprehensive medical, optical, and dental insurance for employees and dependents
- Paid time off
- (11) company holidays
- Matching 401K
- Remote work flexibility
- Life insurance
- AD&D insurance for employees
- Tuition Assistance
- Flexible Spending
- Health Saving Account
- Bereavement Leave for an immediate family member