



Senior 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 Senior Technician, you will be part of a team that works independently providing telecommunications/electrical/mechanical/system expertise support. This position involves site survey activities, documenting findings, and assisting the customer with scheduling site installations, installing the 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 working 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. Assist with technical planning and assessing site-specific data to determine the suitability of the system architecture for a particular site application
3. Complete manufacturer's online equipment training by passing exam prior to planning/conducting site visits
4. Coordinate planned program implementation activities with various stakeholders such as FAA Engineering Services, FAA Service Area, District, and local site organizations, and others necessary for the successful integration of new systems into facilities
5. Conducts site surveys to support the installation of electronic equipment, identifying facility equipment space, cable pathways, power, grounding, seismic, and compliance with FAA, OSHA, and other pertinent requirements
6. Prepares Site Survey Reports (SSR) and Site Installation Plans (SIPs) in accordance with contract guidelines, adjudicates customer SSR comments into final SSR, and submits final SSR and comment matrix to customer

7. Receives equipment at the site, unpackages/disposes of packaging materials, inventories equipment received, reporting shortages/defective equipment with photos and written communications to customer
8. Performs system installation including cabling and connections to local area and wide area networks and aligns/verifies system's operational health at each FAA facility
9. Participates in Site Acceptance Testing (SAT) and Contractor Acceptance Inspection (CAI) by capturing site test data results, incorporating the results into a site Test Report, and submitting the Test Report to the customer
10. Serves a mentor to other staff by recommending proven methods, providing oversight/guidance to perform tasks in a safe, efficient, and timely manner, and educating co-workers on customer procedures, technical guidelines, and standards
11. Maintains implementation documentation such as drawings, specs, calcs and reports
12. Conducts periodic site visits for installation monitoring and coordination and draft trip reports
13. Provides input to customer implementation schedules and assesses impacts of changes to the program
14. Participates in daily/weekly team conference calls or meetings related to project status and evolving priorities
15. Prepares for program status activities by reviewing artifacts in advance
16. Participates in program Technical Interchange Meetings (TIMs)
17. Assists with providing input to program briefings and presentations
18. Verifies work order information and receipt of all necessary equipment and information
19. Documents and/or logs equipment/system installation and/or modification actions
20. Ability to handle multiple tasks during emergency situations

QUALIFICATIONS:

- Bachelor's degree and a minimum of 15 years' relevant experience
- Must have FAA or military aviation 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



- Frequently lift, carry, push, and pull materials, equipment, and products. Able to lift up to 35 pounds for a one-person lift.
- 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 as part of the 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 shift change to accommodate site needs.
- **Domestic travel is between 50% - 75%.**

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 Savings Account
- Bereavement Leave for an immediate family member