



JOB POSTING

Aircraft Maintenance Engineer, Avionics

We are looking for an **Aircraft Maintenance Engineer, Avionics** to join our team in our Maintenance department. Custom Helicopters Ltd. provides helicopter support to clients for various applications, while providing high-quality services with a commitment to safety, quality, and value.

Reporting to the Technical Support Manager, you will be responsible for conducting inspections, troubleshooting aircraft defects, maintaining, and making repairs and upgrades to aircraft instrument, electrical and avionics systems to ensure proper and safe operation. You will have an in-depth working knowledge of aircraft and their associated sub-systems and carefully follow Transport Canada. As the ideal candidate, you work well under pressure and possesses excellent time management skills, while adhering to workplace safety policies and regulations.

Preference given to those with the following aircraft experience: S76, Bell 206B, 206L, 407, 205, AS350-B2/B3 & AS332-L2.

Responsibilities:

- Troubleshoot, repair and overhaul, test, modify, install and inspect aircraft instrument, electrical and avionics systems in accordance with regulatory standards and maintenance manual procedures.
 - Perform and document routine maintenance and inspections on aircraft.
 - Make and repair engine and airframe harnesses on aircraft.
 - Assist field AMEs with troubleshooting by interpreting wiring diagrams and systems operations.
 - Assist and guide the development of company AMO avionics capabilities.
 - Management of all avionics-related functions from tool guidance to STC installation guidance.
 - Accurate completion and certification of logbooks, work orders, and other associated maintenance records utilizing WinAir software system.
 - Ensure all components, parts, and materials utilized in the maintenance, repair, modifications, or overhaul of aeronautical products are correctly certified.
 - Demonstrate continuous effort to improve operations, decrease turnaround times, streamline work processes, and work cooperatively and jointly to provide quality, seamless service without compromising safety and quality.
 - Work effectively in a team environment to maintain a high level of production.
 - Provide mentorship to assigned apprentice aircraft maintenance engineers.
 - Maintain and ensure a clean and safe work environment.
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- Adhere to workplace safety policies, regulations, and compliances and actively participate in Custom Helicopters' Safety Management System, including reporting hazards and incidents encountered during daily operations.
- Travel to remote locations as needed to repair and maintain aircraft in the field.

Qualifications:

- Hold a valid Transport Canada Aircraft Maintenance Engineer Licence with an E rating, with experience specializing in avionics on a variety of aircraft types.
- Ability to lift and carry tools, supplies, materials, and equipment, including the operation of hand, and power tools from floor to above shoulders; stand on concrete and asphalt for extended periods of time; bend, stoop, kneel, and climb to perform various tasks; and climb ladders and scaffolding to access parts of aircraft.
- High level of accountability with strong communication, analytical thinking, organizational, prioritization, and time management skills.
- Ability to multi-task and prioritize assignments in a fast-paced and safety sensitive environment.
- Ability to travel, both domestic and international, on short notice.

The successful candidates must live in Canada and provide a satisfactory Criminal Record Check and have a valid Driver's License. Must provide own tools.

Custom Helicopters Ltd. promotes a highly skilled workforce built on mutual respect, supporting personal and professional growth. We offer a competitive salary, along with a comprehensive employee benefit and Pension Plan, and Employee Share Purchase Plan.

Submit your cover letter and resume to Human Resources at hr@customheli.com. Quote Job Reference: **17-23, Aircraft Maintenance Engineer, Avionics**.
