

Standard Aero - Designer

At StandardAero, our people are dedicated to excellence and innovation. We not only do things the right way, we're always looking for a better way – from developing proprietary repair processes to redesigning our facilities to make them among the most efficient in the world. But ultimately, everything we do is to enhance the ownership and operating experience of our customers – to provide the kind of service that gives you peace of mind, knowing the job will be done with skill and precision and that you'll be back in the air in the shortest possible time. That's the standard we'll be judged by, that's the standard we set at StandardAero. Setting a New Standard for your Career!

We are currently looking for a talented and motivated individual to join our Central Engineering Design team based on Sargent Ave and Ellice Ave in Winnipeg, Manitoba Canada. In this exciting and challenging role you will be providing Design Engineering support for Manufacture Repair and Overhaul (MRO) facilities and operations worldwide. You will be performing these duties utilizing state of the art CAD, stress analysis, direct digital manufacturing and advanced data capture devices like PCMM and optical scanning. Description of responsibility includes some or all of the following:

- Prepares designs, and engineering drawings and specifications in support of facilities, turbine engine assembly, disassembly, component repair, and testing.
- Applies mechanical engineering principles to ensure functional, safe, economical, ergonomic and reliable designs.
- Utilizes Computer Aided Design (CAD) system (2D and 3D solid modeling) in the development of project deliverables.
- Makes use of advanced data capture devices (Portable Coordinate Measurement Machines and optical/LASER scanning equipment) to develop CAD models in support of engineering design and other downstream applications such as performance engineering, stress analysis, CNC manufacturing and Fused Deposition modeling.
- Employs project management techniques to manage projects from concept through implementation.
- Prepares cost and material estimates, project schedules and reports, and procurement specifications.

Position Requirements:

- College diploma in Mechanical Engineering Technology Diploma; or equivalent.
- Eligible for registration as a Certified Engineering Technologist (CET) by CTTAM or equivalent.
- Mechanical manufacturing design experience including Facilities equipment/layouts, close tolerance tooling, process support equipment, machine, structural and/or component design is an asset.

- Thorough knowledge of 2D and 3D computer aided design and drafting systems like Autodesk Inventor, Revit, finite element analysis knowledge is an asset.
- Ability to create and interpret engineering drawings including geometric dimensioning and tolerancing using ANSI standards, local building codes.
- Good working knowledge of precision measuring instruments. Coordinate Measurement Machine or other non-contact scanning experience is an asset.
- Strong planning, organizational, analytical, interpersonal, decision making, oral and written communication skills
- Ability to work and travel internationally.

Click [here](#) to apply on company site.