



OPPORTUNITY: Pneumatics Integrator/ Specialist

PLACE: Montréal

SUMMARY

Job Type : **Permanent**
Job Time : **Full Time 40h**
Main Field : **Mechanical Engineering**
Minimum Grade : **Bachelor degree**

SUMMARY OF RESPONSABILITIES

As a member of the Pneumatics team, part of Engineering and Product Development, you will act as a systems integrator for the technical definition and integration from conceptual design phase of various sustaining/product improvement projects to production and in-service implementation of the Pneumatics systems including:

- Air conditioning and cabin pressurization,
- Pneumatic and high pressure ducting,
- Cabin air distribution and low pressure ducting,
- Avionics cooling,
- Fire, ice and rain protection,
- Crew oxygen,
- Water and waste.

Duties will include conception, specification, design, analysis, interface with suppliers, development, test and certification; such as:

- Managing of the technical and certification requirements;
- Working with suppliers to ensure timely completion by the supplier of analysis;
- Test planning and execution, and documentation of the acceptability of the Pneumatics systems;
- Participating in multi-disciplinary groups involving Projects, Programs, Procurement, Experimental, Flight Test Center and other engineering disciplines;
- Resolving of continued airworthiness deficiencies;
- Support to other groups such as Manufacturing and Delivery, In-Service Engineering, Customer Response Center;
- Mentoring of younger engineers.

TECHNICAL EXPERTISE

- Have a minimum of 5-8 years of engineering experience related to air conditioning, pressurization and oxygen;
- Be able to communicate in English both spoken and written. Good knowledge of French is an asset.
- Have proven leadership and organizational skills, excel in team environment, and must possess very strong interpersonal skills.
- Must show good judgment and flexibility, responsible and oriented on results.
- Must possess very good working knowledge of FAR 25 certification standards.

REQUIRED DIPLOMAS

- Have a bachelor degree in Mechanical Engineering;