Professional Senior, Engineering, Hydromechanical

Location	Dorval, Québec, H4S 1Y9
Posting date	2026-06-25
Business unit	People & Sustainability
Organization	Aerospace Canada
Primary site	Administrative Centre (CA)
Status	Permanent
Posting languages	EN

Responsibilities

- Participation in the integration of the flight control system, hydraulic system and/or landing gear for the definition, specifications, design, analysis, modification, testing and certification of hydromechanical systems
- Coordination: product development activities between the system provider and relevant working groups
- Oversight: successful system design, validation, certification and delivery
- Oversight: successful completion of each development phase deliverables (may author, review, approve)
- Problem of solving technical problems in a transfunctional environment
- Be involved in the design and integration of the system
- Review: the design and documentation of all aspects of your system
- Check the quality of supplier's analyses
- Validation and verification: system requirements and system performance through examinations, analyses, rigging tests and aircraft testing
- Definition: , prepare and perform qualification and certification tests
- Joint work with supplier in the investigation and resolution of test findings
- Preparation: or review qualification or certification reports
- Linking with client and operations support services, stress, loads, reliability, maintenance and safety (RM&S), simulation
- Identification: problems and obstacles, monitor and report progress
- Preparation: reports or presentations

Candidate profile

- Bachelor or Master's degree in Mechanical or Aerospace Engineering with a relevant experience of minimum of seven (7) to ten (10) years
- Training in design, integration, development and certification of hydromechanical systems
- Familiarity with the applicable Airworthiness Regulations and Certification Process
- Good skills in oral and technical writing in English (required)
- Candidate profile: motivated, self-starting, organized, autonomous and able to work under limited supervision
- Candidate profile: a team player and able to work with suppliers and customers

- Candidate profile: a dynamic person with initiative, a strong sense of responsibility and good judgment
- Knowledge of MS Office software (essential)
- Knowledge about CATIA, Matlab, Simulink (an asset)

Work environment and benefits

- Bombardier develops, manufactures and services high-performance aircraft for private, corporate, government and military customers. Its employer profile emphasizes excellence and staff development.
- Bombardier emphasizes career development, autonomy and individual contributions to improving aviation products and services.

Applying and accessibility

- Please note: You don’t need all the skills, knowledge, and experience listed to contribute for this opportunities
- We are not looking for perfection, just passionate, committed individuals
- Bombardier is committed to providing equal access to professional opportunities and encourages qualified persons of any race, colour, sex, gender identity or expression, pregnancy, sexual orientation, marital status, age, except in cases provided by law, religion, political beliefs, language, ethnic or national origin, social condition, disability or the use of any means to address a disability to express an interest in providing services
- In accordance with this provision, Bombardier is committed to providing reasonable accommodation for persons with disabilities in terms of access to professional opportunities
- Requests for accommodation can be communicated to Bombardier and will be treated confidentially
- Professional opportunity Senior, Engineering, Hydromechanical