



THE FUTURE
OF AIRCREW TRAINING

SKYALYNE

Job Title: FAcT Lead System Engineering (SE)

Position Reports To: FAcT Head of SE and Integration

Job Location: Ottawa

SkyAlyne is a proud partnership between Canadian aviation and defence leaders, CAE and KF Aerospace, formed to provide a truly Canadian solution for Canada's Future Aircrew Training (FAcT) Program, Canada's next-generation military aircrew training program.

SkyAlyne has been named by Canada as the preferred bidder for the FAcT Program, and we are staffing our National Capital Office in anticipation of a Contract Award in 2024. Therefore, we are now hiring in key positions that are needed to execute the 20+ year contract. The program will be managed from the National Capital Region (Ottawa), with three operational locations: Moose Jaw, Saskatchewan; Southport (Portage la Prairie), Manitoba; and Winnipeg, Manitoba.

The scope of the FAcT Program contract includes all training and in-service support requirements needed to prepare Pilots, Air Combat Systems Officers, and Airborne Electronic Sensor Operators to meet the future aerospace requirements of the Royal Canadian Air Force. In collaboration with the Government of Canada and several major Canadian subcontractors, SkyAlyne will provide live-flying, simulator and classroom-based training, facilities construction and management, information management and information technology support, site support services, aircraft maintenance and much more.

SkyAlyne offers competitive compensation and benefits and believes strongly in a safe, diverse, equitable, inclusive, and environmentally-friendly workplace.

Job Overview

The Manager SE provides design and technical expertise to all aircraft, GBTS, training systems and IM/IT domains for the FAcT program during the Transition In Phase. The Manager SE is responsible for all aspects of the program's system engineering lifecycle, and to coordinate the integration of the various aspects (aircraft, GBTS, training systems, and IM/IT systems) of the FAcT program with the Manager Integration and the Head of SE and Integration. During the

Transition In Phase, the Manager SE will assist the Head of SE and Integration with all Work Package #1B (System Engineering) activities.

Duties and Responsibilities

- Working with program stakeholders to define solution requirements and specifications.
- Installing, configuring, and testing operating systems, application software and system management tools at the program's sites.
- Supporting solution architects to enable them to specify the system design, development, and deployment requirements.
- Monitoring and testing application performance, troubleshoot, propose solutions, and work with developers to implement bug fixes.
- Collaborating with program stakeholders to define and manage product requirements, prevent scope creep, and make change order recommendations.
- Writing and delivering technical, operating, and training documentation in compliance with quality assurance processes.
- Researching new hardware and software solutions and methods to improve system performance.
- Developing formal methodologies that continuously improvement the program.
- Participating in multiple projects, concurrently, to be able to develop effective system engineering solutions.
- Possessing a thorough knowledge of systems engineering practices.
- Understanding and being able to interface activities within the FAcT program's systems engineering lifecycle.

Qualifications and Experience

- Bachelor's degree in a relevant engineering discipline (System Engineering, Aerospace Engineering, Power Electronics, or Energy Systems).
- Systems engineer, with five (5) years of experience designing systems.
- Professional Engineer (P.Eng).
- Technical/engineering experience with the Government of Canada and/or in the aviation/aerospace industry would be an asset.
- Good managerial and diplomatic skills.
- Excellent organizational skills and attention to detail.
- Excellent analytical, decision-making, and problem-solving skills.
- Good knowledge of the organization, procedures, and policies of the Government of Canada, DND and RCAF.
- Have exceptional communication skills.
- Have proven negotiation skills and a demonstrated ability to lead, influence, build, motivate, and obtain consensus.
- Be a confident, results-oriented leader.
- Outstanding business acumen.

- Be able to hold a Government of Canada Security Clearance (Secret level).
- Be able to hold Government of Canada site/information access certifications, including accessing Protected “B” information, Controlled Goods Clearance, and ITAR Clearance.
- Eligible to work in Canada.
- Strong oral and written English language capabilities.
- Fluency in French would be an asset.

What We Offer

- A competitive compensation model.
- Extended health and dental benefits.
- Short and long-term disability coverage.
- Paid vacation.
- Pension matching plan.
- Employee and family assistance program.
- A performance management program that is linked to monetary salary incentives.

How to Apply

To apply, please email your cover letter, resume/CV, and any other required documents to careers@skyalyne.ca. Please reference the job number in the subject line of your email.