

AEROSPACE ENGINEER

Pegasus is actively developing the technology and people necessary to create an equilibrium between humanity and our environment through an intelligence-driven approach to our biggest challenges. We are recruiting for talented, highly motivated individuals looking for the challenge of a lifetime.

RESPONSIBILITIES

New and existing aircraft design analysis including aerodynamic, propulsion, and power system performance.
Low and high-fidelity analytic modeling of vehicle subsystems. •Aerodynamic database generation, fitting, and analysis.
Communicating and coordinating with OEM and suppliers to achieve objectives.
Lead and support multidisciplinary team including controls, mechanical, manufacturing, software, and electrical engineers through effective project management execution.

PREFERRED SKILLS AND EXPERIENCE

Aircraft design including clean sheet design, prototype development, flight testing, and production.
Generation of aerodynamic derivatives and databases for use in simulation/performance prediction.
Wind tunnel and flight test planning, model building, execution, and data reduction.
Aero-mechanical, and electro-mechanical familiarity.
Familiarity with autopilot and flight control design is desirable.
Experience with NATO STANAG and AS9100 design standards.
Familiarity with Remotely Piloted Aircraft Systems (RPAS) and operations.
Professional Engineer (P.Eng) designation in good standing with APEGA (or equivalent).
Expertise in one or more of the following areas: multi-disciplinary optimization, aerodynamic geometry optimization.

ADDITIONAL REQUIREMENTS

Ability to pass Royal Canadian Mounted Police background check.
Must be willing to travel (approximately 10%) to field locations as necessary.

Pegasus Imagery is an equal opportunity employer and diversity supplier. Employment with Pegasus is governed on the basis of merit, competence and qualifications and will not be influenced in any manner by race, color, religion, gender, national origin/ethnicity, veteran status, disability status, age, sexual orientation, gender identity, marital status, mental or physical disability or any other legally protected status. If this is the challenge you've been looking for, or believe you have skills and experiences not listed but could be a major benefit to our mission, email your resume to careers@pegasusimagery.ca