



AT DIAMOND AIRCRAFT, WE COMBINE CUTTING-EDGE TECHNOLOGY WITH PIONEERING INNOVATION. OUR DEDICATION TO ADVANCED ENGINEERING, ATTENTION TO DETAIL, QUALITY AND WORKMANSHIP MAKES OUR AIRCRAFT THE SAFEST IN THEIR CLASS.

POWERPLANT ENGINEER – SENIOR

Location: Canada

The Powerplant Engineer is responsible for providing technical support for aircraft development and certification programs as well as production support when required. These activities may include: the development of designs, drawings, certification plans, test plans & reports, design reviews, analysis, and compliance reports related to aircraft propulsion and fuel systems.

Responsibilities:

- › Support the powerplant engineering specialist in all matters, and mentor junior powerplant engineers as required
- › Recommend changes to the aircraft design and/or manufacturing processes to improve safety, quality, performance, and the overall customer experience
- › Submit and/or review design change requests and assist in the classification of proposed type design changes utilizing the design change evaluation process
- › Develop certification plans for design changes to Diamond's Canadian type design aircraft
- › Generate test plans, as necessary in order to demonstrate compliance related to proposed type design changes
- › Coordinate and perform testing (ground and flight), analysis, and/or generate design reviews to substantiate compliance to the relevant aviation regulations (Part 23)
- › Generate all necessary test and compliance reports to demonstrate that compliance to the relevant aviation regulations (Part 23) has been shown
- › Seek certification of type design changes through coordination with TCCA, Delegates, or Diamond AP's as necessary and assist in validations with foreign authorities
- › Develop standards and specifications for relevant engineering activities
- › Participate in research and development activities as necessary
- › Support Airworthiness activities such as service bulletins and investigations
- › Perform other related duties including ongoing production support through the disposition of non-conformances and support of other engineering groups as assigned

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Skills & Experience:

- › Bachelor's and/or Master's degree in Aerospace and/or Mechanical Engineering
10 years Engineering experience (min 7 years relevant Aerospace Engineering)
- › Familiar with FADEC engine control systems and software
- › Knowledge of Part 23 certification regulations
- › Experience with CATIA V5, AutoCAD / DraftSight, and Solid Edge
- › Proficiency in MS Office products and collaboration tools
- › Previous or current delegation experience with a civil aviation authority is an asset
- › Previous MRB authority is considered an asset
- › Professional Engineering License is also an asset
- › Excellent time management skills
- › Capable of independent decision making
- › Works well within a team environment
- › Able to prioritize tasks based on company needs

Why Work For Us:

- › Comprehensive Benefits Plan
- › Employee and Family Assistance Program (EFAP)
- › Education Assistance Program
- › Employee Referral Program
- › Registered Retirement Savings Plan (RRSP) Program
- › Company Sponsored Social Events

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