



## Avionics / Electrical Engineer (Senior)

Location: London, Ontario, CAN

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

### Responsibilities:

- ◆ Support the avionics / electrical specialists in all matters.
- ◆ Perform ongoing production support through the disposition of non-conformances and support of other engineering groups as assigned
- ◆ Provide ongoing technical support for sales and after-Sales departments
- ◆ Support Continuing Airworthiness activities including service bulletins and service difficulty investigations
- ◆ Implement changes to the aircraft design and/or manufacturing processes and make improvements to the electrical design, quality, safety, and performance of the aircraft
- ◆ Review engineering change requests and participate in the classification of type design changes
- ◆ Develop certification plans for Major type design changes
- ◆ Generate test plans, analysis reports and other substantiating documents as necessary
- ◆ Design and prepare flight test change orders and support installation of test equipment
- ◆ Coordinate testing (ground and flight), analysis, and/or generate design reviews to substantiate compliance to regulations
- ◆ Generate compliance reports to demonstrate compliance to the regulations
- ◆ Coordinate with TCCA specialists throughout the certification process for type design changes as required
- ◆ Participate in research and development activities as necessary

### Skills & Experience:

- ◆ 10 years Engineering experience (min 7 years relevant Aerospace Engineering)
- ◆ Experience with Garmin products is considered an asset
- ◆ Experience with troubleshooting avionics or electrical issues
- ◆ Knowledge of Part 23 certification regulations
- ◆ Experience with CAD tools, CATIA preferred
- ◆ Proficiency in MS Office products and collaborations tools
- ◆ Experience writing technical reports
- ◆ Previous or current delegation experience with a civil aviation authority is an asset
- ◆ Previous MRB authority is considered an asset
- ◆ Professional Engineering Licence is also an asset
- ◆ Excellent time management skills, able to prioritize tasks
- ◆ Able to work independently and in a team environment

### Academic Requirements:

- ◆ Bachelor's and/or Master's degree in Aerospace and/or Electrical Engineering

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