



## Airworthiness Engineer (Senior) (f/m/x)

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.

### JOB SUMMARY:

Manage and coordinate all activities relating to the design certification of Diamond products including new development and production aircraft. Liaise with Transport Canada Civil Aviation (TCCA) to support the aircraft certification process for the programs. Lead communication relating to aircraft certification between the company and the airworthiness authorities. Manage and coordinate validation programs with foreign airworthiness authorities. Lead the investigation of continuing airworthiness issues by documenting details of occurrences, determining root causes and recommending any necessary mitigating or corrective action. Liaise with TCCA throughout the investigation process. Provide guidance and mentorship to team members on continuing airworthiness processes and investigations. Provide guidance in writing/revising the processes of the Design Approval Organization (DAO). Provide guidance to DAO personnel on the process and aspects of civil certification.

### Responsibilities:

- ◆ Organize/lead the certification activities of Diamond Canada products with Transport Canada and foreign airworthiness authorities.
- ◆ Manage issues, actions and reports for certification programs and validation activities.
- ◆ Monitor in-service occurrences, conduct timely assessments of issues potentially impacting the safety of the aircraft.
- ◆ Lead investigations of in-service difficulties, by liaising with relevant internal teams to determine root cause and recommend any necessary mitigating/corrective action.
- ◆ Be the main point of contact between the company and Transport Canada on the status and outcomes of investigations impacting the safety of the aircraft.
- ◆ Provide guidance on internal company procedures related to airworthiness processes.
- ◆ Provide guidance and mentorship to intermediate and junior airworthiness staff on all aspects of airworthiness.
- ◆ Lead the development, improvement and management of the Airworthiness Control System at Diamond Canada.
- ◆ Perform all work in accordance with Health and Safety policies.
- ◆ Perform other duties as assigned.

### Working Relationships:

- ◆ Engineering: provide consultation and guidance on interpretation of regulatory matters and the certification process.
- ◆ Customer Support: analyse feedback from our customers regarding design and certification issues.
- ◆ Regulatory Authorities: provide communication and coordination to ensure appropriate level of involvement in the projects and timely completion.

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Diamond Aircraft Industries Inc., 1560 Crumlin Sideroad, London, Ontario, Canada | N5V 1S2

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### Required Skills & Experience:

- ◆ Minimum 10 years of relevant industry experience.
- ◆ Experience in the certification of aeronautical products or changed aeronautical products following procedures defined in CAR 521 and associated guidance.
- ◆ Knowledge of EASA Annex I (Part 21) regulations and associated guidance.
- ◆ Direct experience working with domestic and foreign regulatory authorities such as Transport Canada / FAA / EASA.
- ◆ Experience working in a delegated design approval organization.
- ◆ Experience in the development and improvement of airworthiness procedures.
- ◆ Experience in leading occurrence investigations, performing risk assessments to determine safety impact on the fleet.
- ◆ Experience in the engineering and design of aeronautical products.
- ◆ Knowledge of AWM 523 / 14 CFR Part 23 / EASA CS 23 requirements
- ◆ Knowledge of international bilateral agreements between Transport Canada and other foreign authorities.
- ◆ Ability to communicate effectively with technical experts, program managers, and executives.
- ◆ Understanding of basic engineering and design principles.
- ◆ Possess good understanding of aircraft related technical publications and manuals.
- ◆ Possess project engineering competencies.
- ◆ Excellent communication, social and interpersonal skills.
- ◆ Proficient in PC use; including Microsoft Office, PowerPoint, Project Applications.
- ◆ Independent, self-motivated and organized.
- ◆ Strives to achieve a high level of quality and productivity.
- ◆ Highly adaptable to effectively deal with changes.

We offer a market-standard salary based on your professional and personal suitability.

If you are interested in this challenging position, we are looking forward receiving your application!

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