

A white and blue Airbus H160 helicopter is shown in profile, flying over a mountainous landscape. The tail rotor is visible on the left, and the main rotor blades are blurred. The Airbus logo is visible on the side of the fuselage.

AIRBUS

WE'RE LOOKING FOR A COMPOSITE TOOLING SPECIALIST POSITION LOCATION: FORT ERIE, ONTARIO

Reporting to the Manager, Manufacturing, the Composite Tooling Specialist is responsible for the proper identification and documentation of all tooling; overseeing the launch of new tooling, revisions or improvements to current tooling and replacement tooling as required for both in-house tooling projects or outsourced tooling projects.

MAIN RESPONSIBILITIES

Tooling, Processes and Procedures

- Properly identify and document current and new tooling moulds, processes and procedures.
- Interpret customer designs/drawings/sketches into tooling requirements to meet key characteristics and final part/assembly definitions.
- Support the launch of new tooling and revisions or improvements to current tooling alongside the Manufacturing Project Engineers. Replace tooling as required for both in-house tooling projects and outsourced tooling projects.
- Lead / participate in tooling design reviews, tooling meetings and customer meetings.
- Lead / participate in the estimation of tooling and process development.
- Interpret layout results and functional testing as it relates to tooling changes for approvals.
- Manufacture new tooling in-house.
- Track and perform preventative maintenance on tooling in-house (clean, polish, seal or finish as required).
- Evaluate the integrity and longevity of different tooling materials, tool styles and processes.
- Ensure that new and current tooling meets all internal/external customer specifications.
- Qualify all tooling for production readiness; customer owned or AHCA owned tooling.
- Support production OTD through tooling readiness & risk mitigation.

Continuous Improvement

- Support and participate in all Continuous Improvement initiatives of AHCA.
- Work and investigate new processes, materials and suppliers by developing an approval and compliance plan using sound engineering principles.
- Evaluate the integrity and longevity of different tooling materials, tool styles and processes.

New Business

- Participate in team reviews of new business or revisions to existing business.
- Review parameters of new business or changes to existing business and their overall effect on the current equipment and its capability.
- Quote tooling requirements for new business and changes to existing business.

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MINIMUM JOB REQUIREMENTS

- University Degree or College Diploma in Engineering (Materials/Mechanical / Industrial / Manufacturing) preferred
- Certificate/license in the following trades is an asset:
 - Tool & Die Maker 430A
 - Pattern Maker 443A
 - Tool/Tooling Maker 630T
 - Licensed Mould Maker(431A)
- Experience with making, maintaining and troubleshooting Aerospace/other tooling:
 - Jigs / Fixtures
 - Master Patterns & Molds
 - Trim Tooling
- Experience with composite part materials (carbon fiber, hybrid, fiberglass, aramid fiber) and the associated manufacturing processes (layup, core cutting, curing, bonding and finishing).
- Industry experience in the field of tooling design, construction and maintenance is an asset
- Experience with injection molds, castings, pattern making and stamping dies is an asset
- Experience in inventory moves (issuing materials) to capture the use of materials used for non-production purposes (tool making / maintenance)
- Must be able to use band saws, grinders, sanders, drills and drill presses
- Knowledge of lathes, router table, milling machine, benders/formers

To apply for this position, please send an up-to-date resume and cover letter to AHCA-HR@Airbus.com