

Manufacturing Engineering Research and Technology

Embedded within the Methods and Processes function, the Manufacturing Engineering Research and Technology (R&T) team are responsible for the development of manufacturing technologies from concept to robust, tested processes. Technologies include:

- Composite - Material deposition, Forming, Curing, Non Destructive Testing
- Metallic - Welding, Machining, and Forming
- Assembly - Handling, Automation, Tooling
- Test validation for Flight Test, Electrical, Hydraulic Systems

The developed technologies are delivered to the Methods & Processes team, where they will be implemented into the manufacturing system for current and future aircraft.

External R&T research links:

- The R&T group work closely with a network of technology teams across Airbus (Europe wide), assuring the sharing of benchmark technologies and processes.
- Academic research, through the sponsorship of MSc, PhD and Post Doctorate research projects.
- Attendance and presentations at the leading technology conferences across the world.
- Research institutes, through involvement in funded research programmes.
- Industry, through development and support of research programmes across the global supply chain.

In addition to the development and delivery of Technologies, the R&T team are responsible for the early phases of new product development. This will involve concept development, evaluation and down selection, support to business case preparation, including industrial system concepts that meet the anticipated product requirements. Manufacturing Engineering Research and Technology is an excellent department to start your career with Airbus, enhancing your engineering, project management and business skills capability.