



Aerospace and Advanced Engineering

The UK is at the forefront of aviation and aerospace technology. Key strengths of its aerospace and advanced engineering industry include validation and advanced engineering research, design, simulation and modelling, prestigious design-led construction projects and advanced manufacturing technologies and processes.

Did you know?

- Since the 1970s, the UK has been home to the centre of excellence of wing production for the Airbus consortium. This is the result of the heritage that the UK possesses in wing technology that stretches back to the earliest days of flight. This means that each and every wing of all of the 4,300 Airbus aircraft, which have been delivered, have the hallmark of the UK's engineering pedigree stamped on them.
- Williams F1's operation at Grove, near Wantage, is a high-tech racing hub in which the latest-generation F1 cars are designed, developed and manufactured. Williams has its own wind tunnel, as well as a dynamic drawing office, where 40 engineers design and engineer everything from chassis dynamics, composites and materials to gearbox, differential and even, software engineering. This highly impressive infrastructure means that Williams F1 has produced some 90 per cent of the racecar, with the engines from Toyota, since 2007.

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