



Spotlight on...
Air Test &
Evaluation

How do you ensure your Air capability delivers battle-winning operational advantage?

In an era of growing complexity and tension, building a defence capability you can rely on when operationally deployed is vital. QinetiQ is uniquely placed to be your partner as you evaluate your capability throughout its lifecycle. This ranges from early lifecycle design, experimentation, concept development and refinement, through to developmental testing, certification and qualification, training and evaluation of operational tactics, as well as capability upgrades.

QinetiQ offers highly experienced and qualified people and world-renowned facilities. Our Air Test and Evaluation services, available for both Civil and Military environments, include:

- Taking a mission-led approach to solving customer challenges, bringing together expertise from across the Company to collaboratively deliver innovative solutions
- Design, Production and Flight Test teams, offering the full spectrum of design, manufacture, installation and testing of complex aircraft modifications, integration of systems for test and development purposes and access to flexible platforms to conduct flight testing
- Advice and technical support for air platform release to service, uncrewed and autonomous systems capability development and evaluation, weapons testing and training, and ship air integration
- Civil Part 21 Design and Production and Flight Test Organisation approvals, alongside equivalent MAA authorisations

A full spectrum of Test and Evaluation facilities expected of a world-class organisation is available, including:

- An airliner-sized Airborne Technology Demonstrator that allows full-up and integrated systems development and testing in a flying environment with full flight test instrumentation
- Systems Rich fits – AW139 (EOIR) and PC21 (Synthetic Air to Air / Air to Ground Radar – with simulated weapons stores and tactical aircraft to aircraft datalink)
- A specialist test and evaluation airfield with associated facilities, providing a one-stop solution for activities, with the added benefit of a full range of supporting engineering capabilities covering
 - Environmental
 - Anechoic
 - Wind tunnel (5 metre)
 - Hypobaric / Hyperbaric
 - Night vision systems
 - Airborne communications
 - Electromagnetic compatibility

To deliver these services, QinetiQ manages an extensive mixed type rotary and fixed-wing fleet equipped with flight test instrumentation, a number of UK Air ranges on behalf of the Ministry of Defence (MOD), and operates several Centres of Excellence, all of which are available to use by the UK and its allies.

Talk to us about what you want your capability to achieve and we can help you select the most suitable T&E capability to support you through the life of your air platform.

For further information, please email:

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