

RAF Valley Advanced Jet Training Facility



TOTAL COST **COMPLETED** **DURATION**
£27.3M **2010** **1Y 9M**

Sectors

- Defence

Project profile

- Preparing the next generation of fast jet pilots for the front line

Client

- Ascent

Stage

- Complete

Highlights

- Morgan Sindall Construction delivered the project within the confines of an operational airbase. Our project team and supply chain worked within strict guidelines of security and disclosure, whilst managing industry-specific health and safety issues such as foreign object debris.

Project Description

One of the UK's largest training bases, RAF Valley hosts advanced fast jet training facilities that produce world-class combat pilots for the Royal Air Force, Royal Navy and international partner air forces. Morgan Sindall Construction has helped its customer, civilian contractor Ascent, to provide the students of 4 Squadron with cutting-edge flight and mission simulators as well as new hangars, operational buildings and aprons, whilst delivering a cost-effective solution for the Ministry of Defence.

The 4,000 m² squadron building, which features an atria glazed spine, includes training and conference rooms, offices and simulator training facilities alongside a purpose-built car park. The new 20,000 m² hangar is complemented by annexed accommodation with a mixture of offices, store areas and workshops.

Externally, the works include a new independent drainage system, additional hardstandings, plus a new flight line and landscaping.

Challenges

Working within a live military operational environment

Testimonials

"Any construction on an active military base is fraught, but Morgan Sindall Construction's relationship with the base, and indeed their awareness of the issues of constructing during periods of operational flying, has been outstanding. Their involvement with the local community and their ability to so positively engage has proven to carry lasting benefits. The first in a series of projects for the Military Flying Training System (MFTS), this is a benchmark against which all future MFTS facilities will be compared."

Russell Murdock

Strategic Director, VT Aerospace Ltd

Location

- [Wales](#)

Project key facts

These new facilities have reduced the time taken to familiarise pilots with flying in a combat aircraft, thus making each flying hour more productive as pilots move to an operational role.

Project contact

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