



BAE Warton Aerodrome - AGL Infrastructure Upgrade

Case Study

Company name - Dewhurst Airfield Services Ltd

Client - BAE Warton Aerodrome

Project Overview

Dewhurst Airfield Services was appointed to deliver a comprehensive upgrade to the Aeronautical Ground Lighting (AGL) infrastructure at BAE Warton Aerodrome, supporting enhanced operational performance and long-term reliability.

The project focused on modernizing critical airfield lighting systems to meet evolving operational demands, ensuring continued safety, precision, and compliance within a high-performance aviation environment.

Scope of works

Delivered as a coordinated turnkey solution, the project included:

- Upgrade and installation of AGL systems across key runway and taxiway areas
- Installation of new inset and elevated lighting fittings
- Integration of primary and secondary cabling networks
- Construction and enhancement of pit and duct infrastructure
- Installation and configuration of constant current regulators (CCRs)
- Modifications to existing AGL control systems
- Associated civil engineering and mechanical installation works

Delivery and execution

Dewhurst Airfield Services managed the project from initial planning through to final commissioning, ensuring all works were delivered safely, efficiently, and in line with operational requirements.

A structured and phased delivery approach enabled works to be carried out with minimal disruption to ongoing aerodrome operations, while maintaining strict compliance with industry and safety standards.

Close coordination between civil, mechanical, and electrical teams ensured seamless integration across all elements of the upgrade.

Outcome

The completed works delivered:

- Improved airfield visibility and operational safety
- Enhanced system reliability and performance
- A modernised AGL infrastructure aligned with current standards
- Increased resilience to support future operational demands