



## Typhoon Hush House

A Cullum Aerospace Hush House supplied to the UK MOD to allow engine testing for the UK's fleet of Eurofighter Typhoon multirole fighter jets.

The Hush House is designed to allow the jets to run-up their engines in a controlled environment. Both sound and exhaust blast are contained by the structure.

The facility has the capability to test other MOD aircraft, such as the Tornado, Jaguar and Hawk; allowing vital safety and performance checks in a safe environment.

Testing can be performed day or night, and in all weather and wind conditions; helping to provide a fast response air force.

Acoustic requirement was for 60dB(A) measured at 200m; reducing a deafening roar to the level of a quiet conversation.

Cullum are proud to support the Royal Air Force with our products.

Customer

- **MOD**

Systems include:

- **Acoustic building**
- **Advanced exhaust detuner – to control the engine exhaust gases and sound**
- **Powered facility doors**
- **Fire protection system**
- **Ancillary plant room**
- **Advanced data acquisition system**
- **Aircraft restraints and powered nose wheel pit, to ensure correct alignment**
- **Exhaust stack: 30m high and with advanced acoustic suppression**
- **Support systems: All fire protection systems, fuel lines, data acquisition systems and many of the electrical systems.**