



Engine Test Stand Upgrade

A Royal Air Force of Oman test stand underwent a major overhaul and upgrade from Cullum.

The test stand is configured to test the Rolls-Royce Adour engine, which is used in the BAE Hawk trainer jet and the Jaguar light strike jet.

Cullum upgraded all of the systems of the test stand and provided an adjacent control building.

Off-wing engine testing is often used after an engine has undergone repair or overhaul, to ensure the engine is in full working order.

The data capture systems are critical to monitor the engine's performance, and prevent faulty engines being installed in planes.

Customer

- **Rolls-Royce**

The Systems which were upgraded / provided included:

- **Data acquisition system**
- **Air and fuel supply lines**
- **Control building and instrumentation**
- **Engine trolley system**
- **Adapter frame**
- **Electrical systems**
- **Fuel measurement systems**