



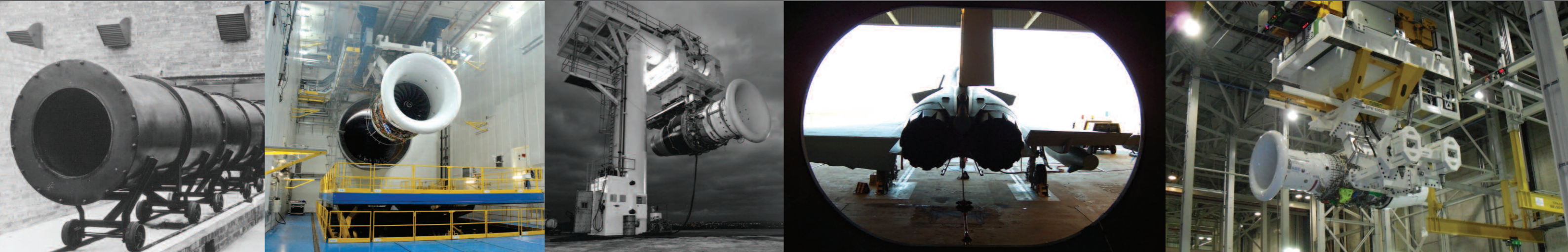
# PIONEERING AVIATION TESTING



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## PIONEERING AVIATION TESTING

**As a World Leader in Civil and Military Aviation Engine Test Solutions, Cullum Aerospace offers over 60 years experience in the supply of innovative test equipment, hardware and facilities.**

Our Aerospace Testing Products and Services are custom engineered to meet your specific requirements. Utilising our in-house multi-disciplined engineering teams we handle every stage of the project from initial concept through to detailed design, manufacture, installation and commissioning. Employing World Class technology and proven design methods by engaging with our clients, Cullum Aerospace offer an unrivalled service.

Cullum Aerospace reflects our company and is 'best by design', whether for Commercial or Military engine projects. Cullum has been the first choice for many Engine Manufacturers and Operators worldwide, with numerous Cullum units still in-service after over 30 years of operation. This gives us the confidence to offer our clients product life and performance guarantees and provide operators with total peace of mind.

Our capability ranges from design, project management, global manufacture, installation, commissioning and life time product support including maintenance and

calibration. In keeping with our commitment to customer service, we also offer a global network of offices, which guarantees responsive local support. Our breadth of expertise allows us to successfully support engine programmes worldwide through a prestigious client portfolio of engine manufacturers and air framers located in the US, Europe, the Middle & Far East. As a result, we set industry standards from the delivery of Uninstalled Engine Test Equipment and Test Cells to 'On Wing' Test Facilities, including Military Hush Houses and Ground Running Pens for commercial airports.

We actively invest in new technology, automation and our people to keep you one step ahead of the competition and deliver commercially viable and cost effective solutions with unrivalled in-service performance.

Our extensive portfolio offers a diverse range of products and solutions for civil and commercial high-bypass engines, military and combat low-by pass and re-heat engines and also extends to industrial gas turbine testing solutions.

### Our Products and Capabilities include:

- Installed Engine Test Facilities (IETF), including Military Hush Houses, Run-up Pens, Exhaust Gas Deflectors and Exhaust Detuners.
- Uninstalled Engine Test Facilities (UETF), from fully enclosed Jet Engine Test Cells to Open Air Jet Engine Test Stands.
- CAA and FAA Certification Test Support Equipment including Fan Blade Off, Bird Ingestion, Rain, Hail and Cold Start.
- State of the Art Data Acquisition Systems.
- Engine Management, Facility Monitoring and Control Systems.
- Fluid Systems including Fuel, Lube Oil and Water Wash.
- Engine Start Systems including Air, Hydraulic and Electric.
- Engine Handling and Transportation Systems.
- Test Hardware including Support Pylons, Hot Nozzles, Jet Pipes and Debris Screens.
- Airport Support Equipment including Ground Running Pens and Blast Defectors.
- Wind Tunnel Flow Conditioning Equipment including Honeycomb, Screens and Acoustic Treatment.

### Support and Services:

- Complete Project Management and Turnkey Capability.
- Acoustic and Flow Dynamic Modelling.
- Life Time Facility Support and Maintenance Contracts, including Service Level Agreements.
- Calibration and Facility Certification services.
- Mechanical, Electrical and Fluid System Installations.

Our Aerospace services are offered globally to New Build Projects, Facility Upgrades, Equipment Refurbishment, Modification and Life Extension programmes, providing full technical support through to equipment installation and commissioning.

Assuring you of Quality at all times our activities are managed in accordance with ISO 9001:2008, Cullum maintain SABRe Registration, and to meet our commitment to the environment are accredited to ISO 14001:2004.

Whatever your testing requirements; Cullum Aerospace can be trusted to deliver.

Call us today and take your project to New Heights.