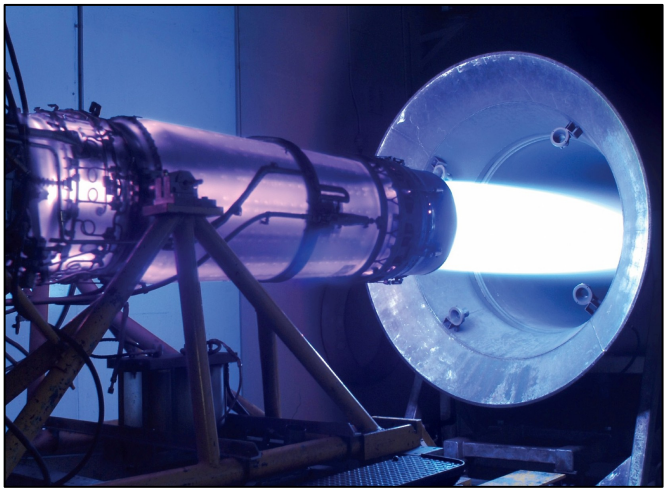
AVIATION Engine Test Facilities Silencing

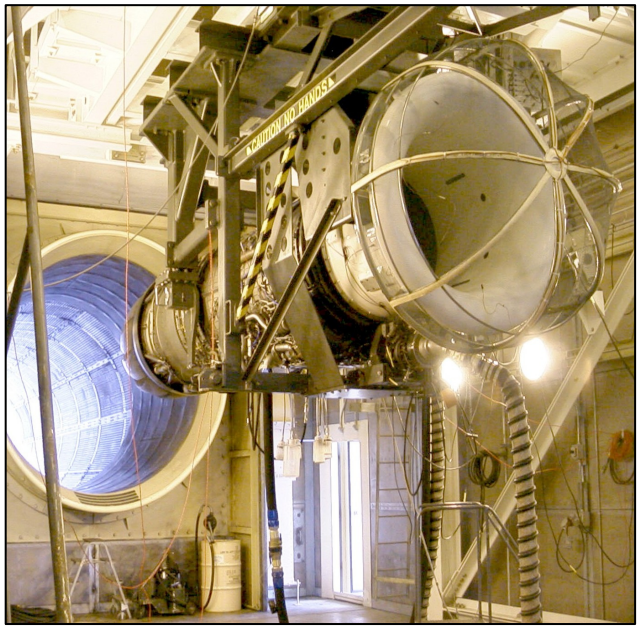
MC Resources Ltd is the sole supplier of the GTB® product range of application-specific thermal/acoustic infill systems and materials for aircraft engine test cells and hush houses on a world-wide basis. The Company draws upon an unrivalled portfolio of experience in addressing the test requirements for all types of military and civil aero test scenarios, ranging from vectored thrust with afterburner to the largest high by-pass superfans currently in service with the world's airlines.

In no other area of gas turbine applications is the selection of materials and configuration of the acoustic treatment more important than in the aircraft engine test environment. To this end, MC Resources Ltd promotes a policy of working closely with engine manufacturers, clients and end-users in order to optimise acoustic performance, extend service life and meet financial targets. The benefits of this culture are equally applicable to new-build and refurbishment projects. In many cases of refurbishment, the application-specific approach can upgrade the acoustic performance of older test facilities to an extent which was previously not considered to be feasible.

The acoustic materials and systems supplied by the Company are either specified or approved in respect of government and defence agency contracts. Specific references include NATO, USAF, MOD (UK), etc.

The component materials used in the products supplied by the Company into aero engine test applications are environmentally acceptable, containing no materials classifiable as potential carcinogens. The majority of such products are supplied in modular (pillow-based) formats, designed for ease of installation and utilising Lancaster GTB® (Gas Turbine Basalt) as a fibrous core absorber.





MC Resources Ltd supports the aero test requirement with:

- Thermal acoustic infill for military aviation applications, capable of maintaining acoustic performance and service life at the highest re-heat temperatures.
- Infill for civil aviation applications, capable of providing maximum acoustic performance whilst withstanding the highest mass flow rates associated with "superfan" engines.
- Modular infill designed to the optimum airflow resistivity for intake baffles, exhaust baffle and augmenter tube linings.
- Amorphous pillow systems for installation into vertical exhaust tube exhaust tank configurations.

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