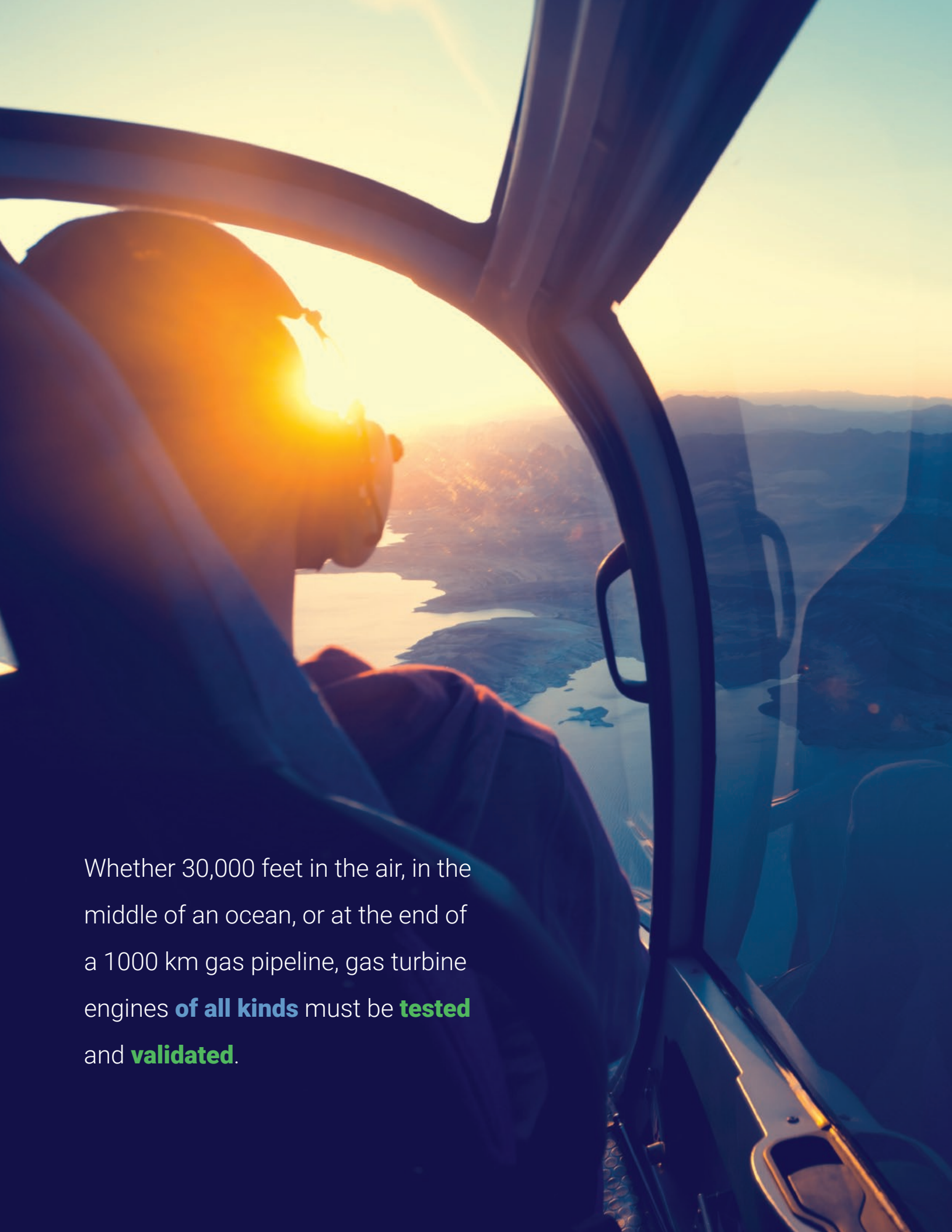


HARNESS THE PWER

Engineering is our **business**
Execution is our **expertise**

MDSAERO.COM



A person is seen from the side, sitting in the cockpit of an aircraft. They are looking out the window at a bright sunset or sunrise over a body of water. The sun is low on the horizon, creating a strong orange glow. The cockpit's interior, including the window frame and part of the seat, is visible in the foreground. The background shows a vast expanse of water and distant, hazy landmasses under a clear sky.

Whether 30,000 feet in the air, in the middle of an ocean, or at the end of a 1000 km gas pipeline, gas turbine engines **of all kinds** must be **tested** and **validated**.

MDS Aero Support Corporation is a Tier 1 supplier of turnkey test solutions for gas turbine engines and engine components.

Test facilities validate that gas turbine engines can endure realistic and extreme conditions. World-leading engine original equipment manufacturers (OEMs) in the aviation, industrial, and marine sectors have chosen MDS to carry out the designs of these innovative and unique test facilities all over the world since 1985.

We provide the complete solution for full engine and engine component testing. Our designs and products are the trusted solutions for next generation development engines, current production engines, and in-service engines.

For engine developers, MDS technology provides better data faster. For facility operators, recognizing the value inherent in limiting cell time to test time, you can count on flexible test solutions that maximize facility efficiency and minimize operating costs.



The Power of Precision

Our business is engineering. We create state-of-the-art test facilities utilizing international best practice and our own breadth of experience in gas turbine operation and providing testing capabilities worldwide since 1985.

Our expertise is execution. We see our projects through, ensuring our exceptional standards are maintained through construction and site management. To us, end-to-end project management means efficiency without cutting corners, superior coordination and communication, predictive risk management, goal alignment, and collaborative decisions.

We support our clients every step of the way. Our clients have access to highly experienced engineers, test cell operators, and support staff offering test facility maintenance, calibration support, engineering support, spares management, and on-site training.

The Power of Experience

MDS-commissioned test facilities have tested over 115 distinct aviation and industrial gas turbine engine types and variants. We have worked with every major engine OEM:

- | | | | |
|----------|-------------|------------|------------------|
| • AECC | • GE | • MAN | • Rolls-Royce |
| • Airbus | • GKN | • MTU | • Safran |
| • CFMI | • Honeywell | • P&W | • Siemens |
| • EA | • KHI | • Powerjet | • Solar Turbines |
| • EPI | • LMCES | • PWC | • UEC |

Passion
Respect
Accountability
Care
Communication
Teamwork

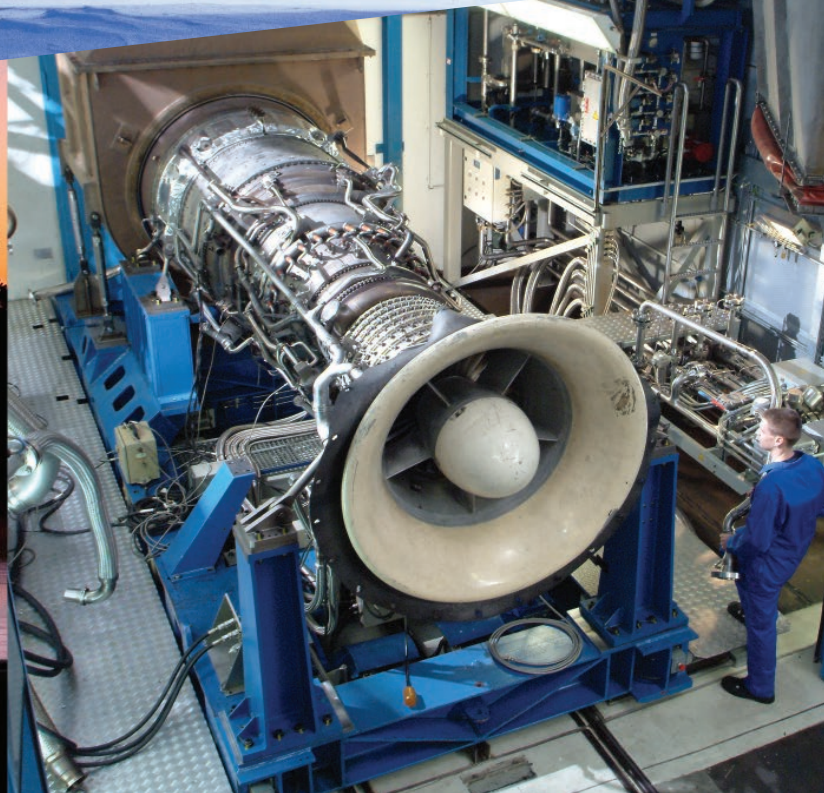
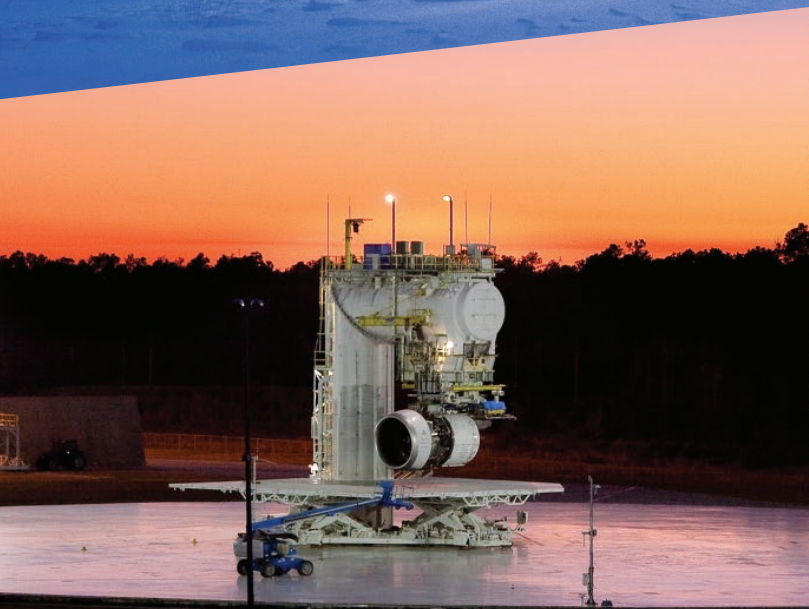
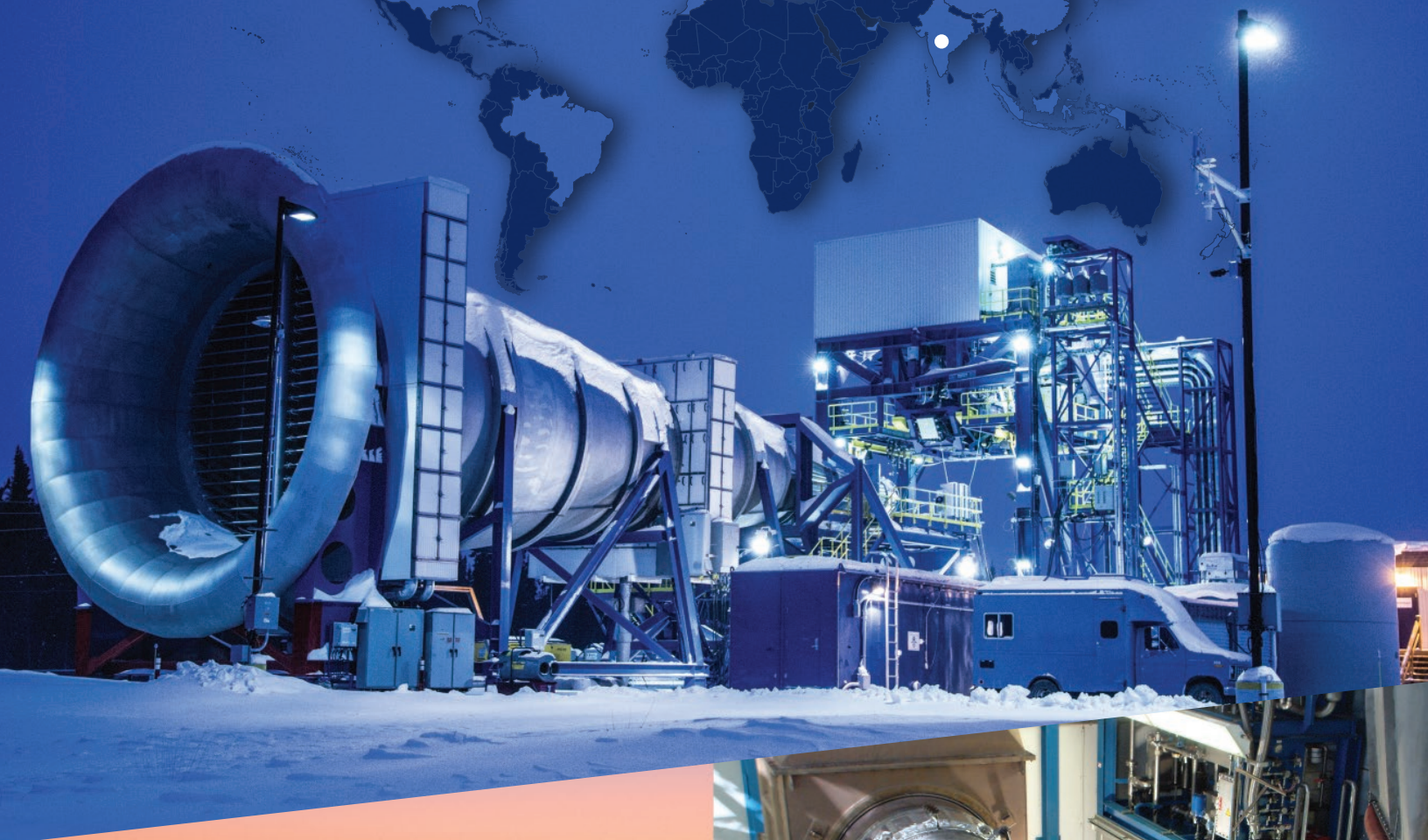


"To us, these aren't just words; they are the core values that shape everything we do, every single day, for every customer."

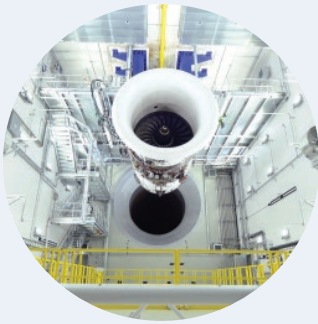
— John Jastremski
President & CEO

The Power of **Global Presence**

CANADA | UK | GERMANY | CHINA | INDIA



Certifications:
ISO 9001:2015, ISO 14001:2015, ISO/IEC 17025:2005



The Power of **Technology**

Our solutions include: Indoor/outdoor full engine test facilities, core engine test facilities, engine component test facilities, environmental simulation solutions, and special purpose test equipment.

Servicing these industries:



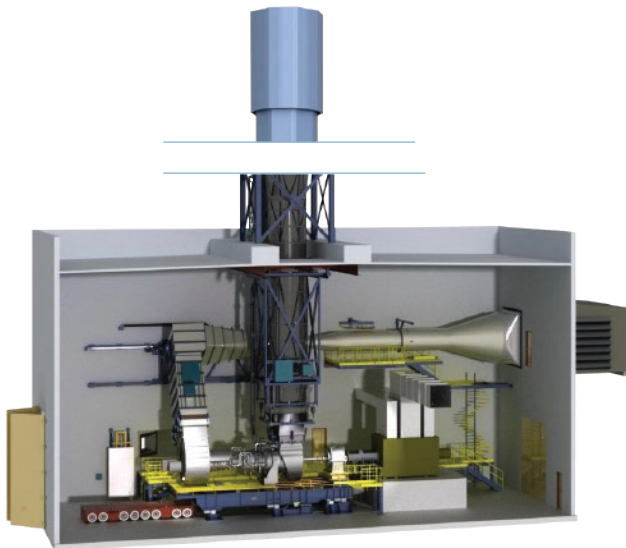
AVIATION



INDUSTRIAL



MARINE



Industrial

Aerospace

Full Engine Test Facilities

Main Fan

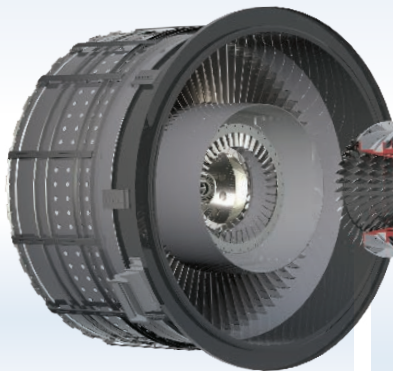
Low-pressure
Compressor

High-pressure
Compressor

Combustor

High-pressure
Turbine

Low-pressure
Turbine



Fan Test Facility
(Anechoic Chamber)

Compressor Test Facility

Core Engine Test Facility

Combustion Rig

Turbine Test Facility

The Power of **People**

We know that the right people are the key to our success and that of our clients. That's why our team is made up of some of the most experienced professionals in the industry, spanning a skill set of engineering aerodynamics & acoustics, mechanical engineering, electrical engineering, measurement engineering, and software development. Our front line Technical Directors have spent their entire careers in testing and are recognized globally as engine test specialists.

Our signature project management process is designed to drive complex projects from design to completion without compromising on quality, cost, or delivery.



The Power of **'Going Green'**...

MDS is taking an active approach to preserving and protecting our precious environment by including energy-conscious solutions for our clients in the facility-development stage and in retrofit situations.

Our sustainable energy solutions can be designed to optimize energy demands and offset carbon taxes, incorporating a variety of energy savings and/or energy production services:

- Storage and energy management
- Solar water and thermal systems
- Heat transfer and heat recovery
- Kinetic energy recovery



The Power of **Partnership**

We encourage direct client and supply chain participation and involvement during facility design. We take pride in our work and we want our partners to share this pride with us every day through our working relationship over the lifecycle of the facility.

The Power of **Innovation**

Our growth is driven by continuous research & development. MDS is a world leader in aeroacoustic research for gas turbine test facilities, proactively pursuing answers to industry challenges for over 30 years. Our data acquisition system (DAS) is the most advanced and capable system on the market for gas turbine engine testing. It features plug-and-play operation for new instruments and is network extensible.





We **listen**
We are **customer-focused**
We **deliver**





mDS

GAS TURBINE
ENGINE
SOLUTIONS

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