## About GE Aviation

GE Aviation, an operating unit of GE (NYSE: GE), is a world-leading provider of commercial and military jet engines and components as well as integrated digital, electric power and mechanical systems for aircraft. GE Aviation also has a global service network to support these offerings.

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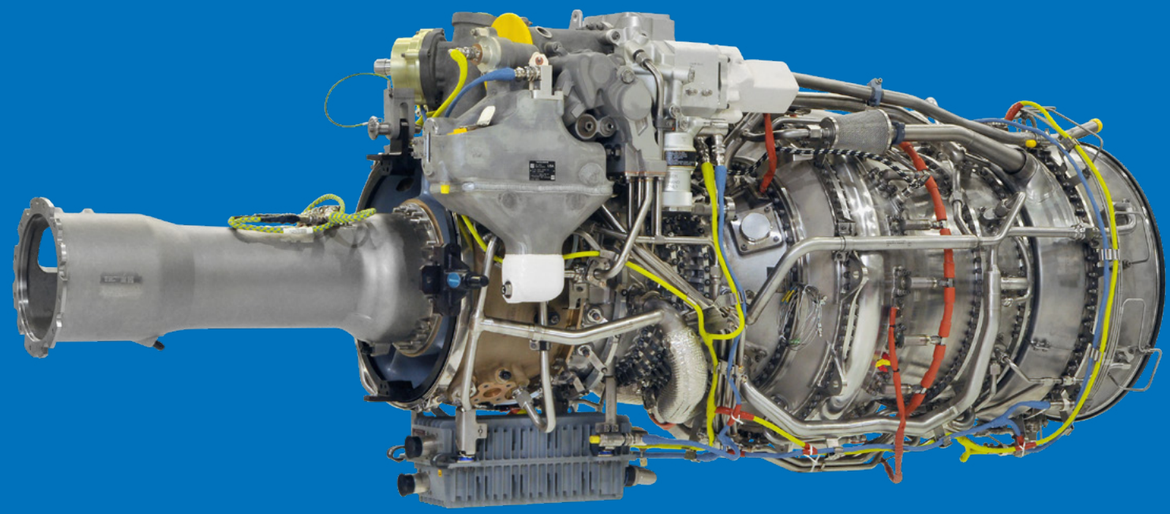
# T408-GE-400

turboshaft engine



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**57%**
**More power**

**18%**
**Better fuel efficiency (SFC)**

**63%**
**Fewer parts**

As compaired to the T64 engine

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# Tomorrow's heavy-lift today

**T408 engine specifications**

| | |
|---|---|
| Power class | 7,500 shaft |
| Compressor stages | 5 axial and 1 centrifugal |
| High/Low-pressure turbine stages | 2/3 |
| Length | 57.5" |
| Diameter | 27" |

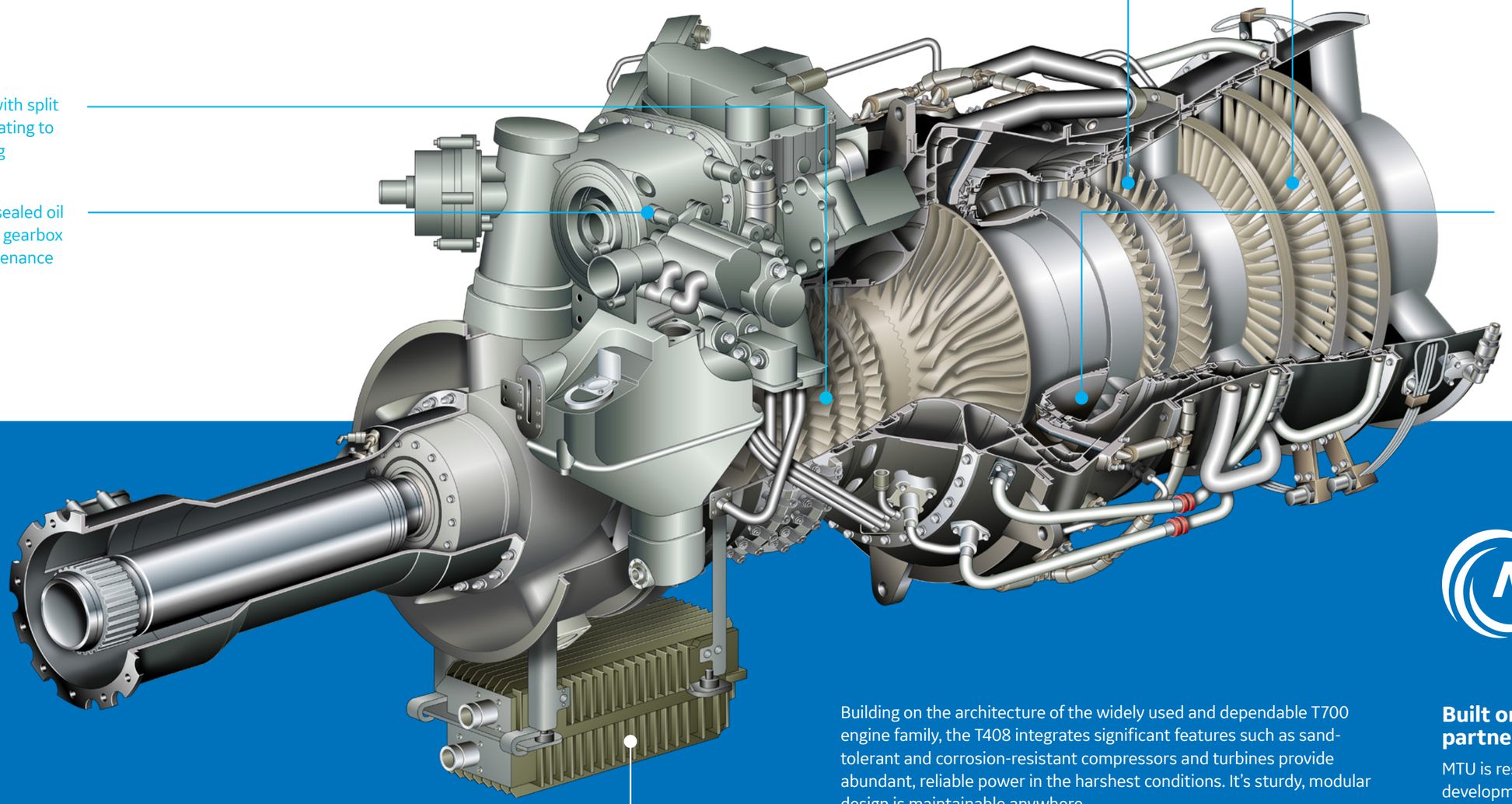
The T408 is designed to be the most technologically advanced turboshaft engine in its class. GE Aviation's strong commitment to technology investment and dedication to understanding customer requirements resulted in an engine with superior benefits.

The T408 is a turboshaft engine selected for the CH-53K heavy-lift helicopter and targeted for various other helicopters.

# Dependable performance for harsh environments

Rugged compressor with split casing and erosion coating to increase time-on-wing

Modular engine with sealed oil sumps and accessible gearbox for ease of field maintenance



Modern turbine aerodynamics, materials and cooling schemes for durability and efficiency

Robust, efficient combustor designed for reliability

Engine-mounted FADEC with prognostics and health management to improve performance and reduce maintenance cost

Building on the architecture of the widely used and dependable T700 engine family, the T408 integrates significant features such as sand-tolerant and corrosion-resistant compressors and turbines provide abundant, reliable power in the harshest conditions. It's sturdy, modular design is maintainable anywhere.

This technology infusion minimizes the engine footprint by eliminating several pieces of support equipment, and reduces operating and support costs by remaining on the application longer.

Over 4,500 hours of factory testing and more than 3,900 hours of engine flight time have demonstrated the engine's world-class robustness to deliver maximum time-on-wing.



MTU Aero Engines

## Built on a strong partnership with MTU

MTU is responsible for the development and manufacture of the power turbine. They will obtain licenses for maintenance and on-site support of the T408 engine to power a future European heavy-lift helicopter. The German engine maker has a program stake of 18 percent.

# Designed with the future in mind

For emerging and future applications, the T408 offers significant operating advantages, competitive acquisition costs and 10–25% lower SFC than competing engines.

These applications include turboprop, marine propulsion and power generation systems.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