

T408

ENGINE FOR THE SIKORSKY CH-53K



T408 – technology features

The T408 is a turboshaft engine that has so far been installed in the U.S. Marine Corps' Sikorsky CH-53K heavy transport helicopter. The so-called „King Stallion“ will be equipped with three engines each. Thanks to its innovative design, the CH-53K is particularly suitable for combat search and rescue (CSAR) missions, special operations forces (SOF), medical evacuations (MEDEVAC), tactical airlifts, and naval operations in the context of national and allied defense.

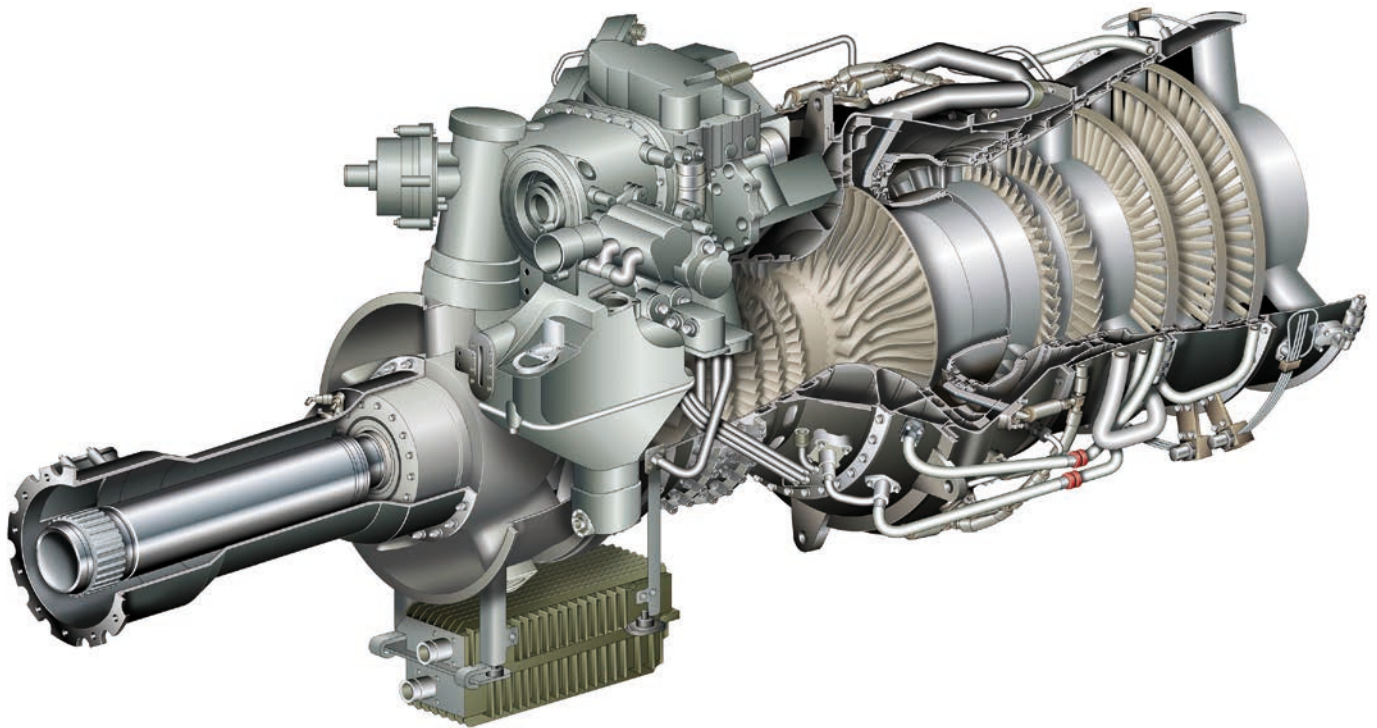
GE Aviation is producing the engine jointly with MTU. This is the first time the German company has had full responsibility for a complete assembly in a U.S. military engine program. MTU contributes its 18 percent share of the program for the power turbine.

Facts

- EIS: 2019
- Turbo-shaft engine with maximum power of 7,500 shp
- Five-stage axial compressor, single-stage centrifugal compressor
- Annular combustor
- Two-stage gas generator turbine
- Three-stage free power turbine
- FADEC (Full Authority Digital Electronic Control) with health monitoring functions

MTU share

- Program share: 18%
- Development and manufacture of the power turbine



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TECHNICAL DATA

Maximum power:	7,500 shp
Length:	58 in
Diameter:	27 in
Application:	Sikorsky CH-53K
Partner:	GE Aviation