

TP400-D6 turboprop engine

The innovative power



TP400-D6 – technology features

The TP400-D6 is being developed and produced by EPI Europrop International GmbH, a joint venture formed by Industria de Turbo Propulsores (Spain), MTU Aero Engines AG (Germany), Rolls-Royce (UK), and Safran Aircraft Engines (SAFRAN Group, France).

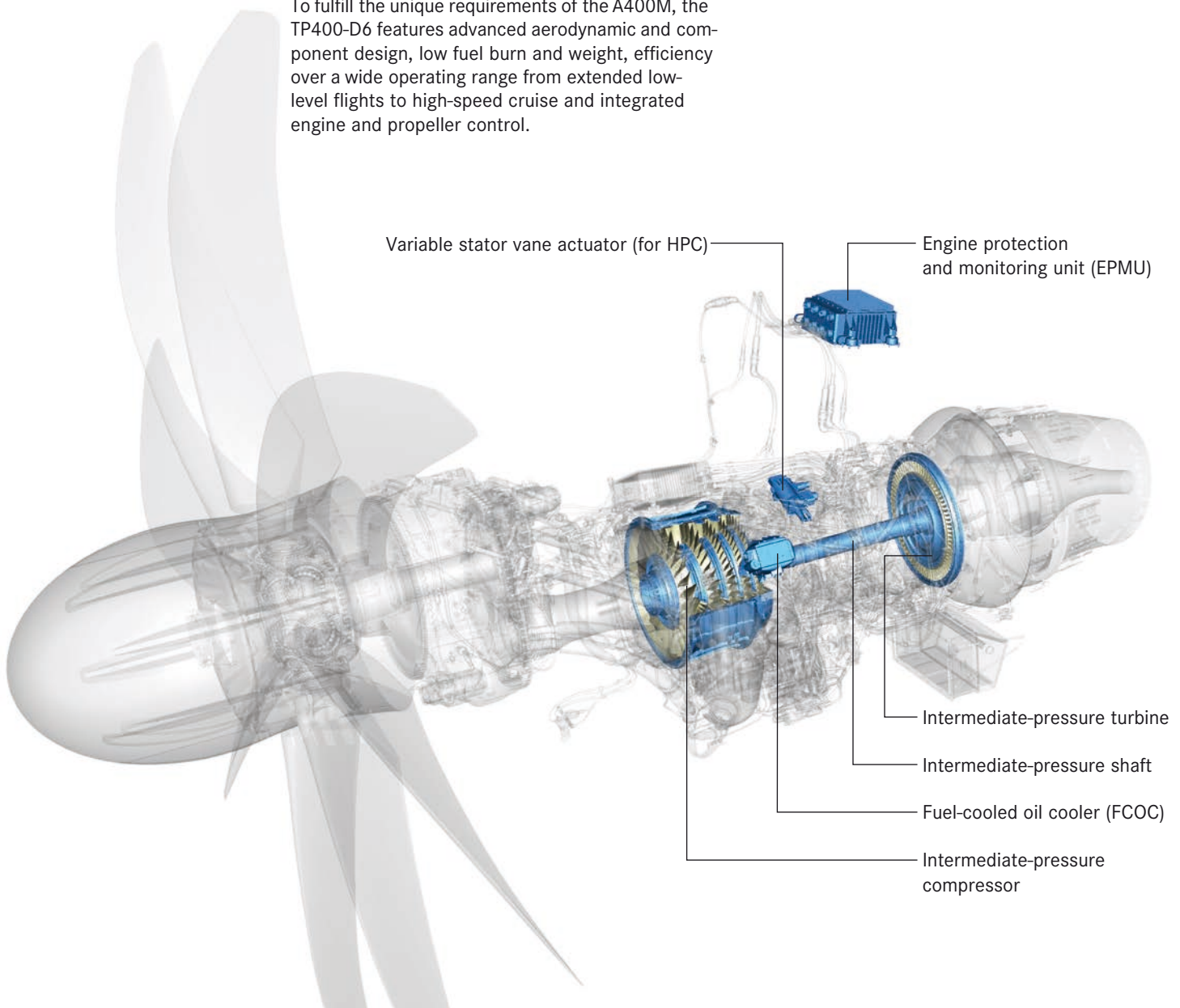
For the TP400-D6, MTU develops and produces the intermediate-pressure compressor, turbine and shaft and the engine protection and monitoring unit (EPMU). In addition, MTU assembles all production engines for the TP400 program.

The TP400-D6 is designed to meet the operational requirements of the A400M military transport aircraft, Europe's response to the increasing need for military transport capacity as well as peacekeeping and humanitarian missions around the world.

Most powerful Western turboprop:

- Designed for high-speed cruise
- Ample growth potential
- Low-risk design
- Low life-cycle cost
- Modular design

To fulfill the unique requirements of the A400M, the TP400-D6 features advanced aerodynamic and component design, low fuel burn and weight, efficiency over a wide operating range from extended low-level flights to high-speed cruise and integrated engine and propeller control.



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TP400-D6 engine specifications	
Type of engine	three-shaft turboprop
Power output approximately	11,000 shp at sea level
Pressure ratio	25:1
Weight approximately	1,900 kg (dry)
Length	3.5 m overall engine length
Diameter	0.92 m
Compressor	5 intermediate pressure stages, 6 high pressure stages
Turbine	1 high pressure stage, 1 intermediate pressure stage, 3 low pressure stages