TP400-D6

Power for the A400M

The TP400-D6 turboprop is being developed and produced by Europrop International (EPI) GmbH, an international collaboration comprising Rolls-Royce, Snecma, ITP and MTU.

The engine is designed to fulfil the requirements of the A400M military transport - Europe's response to the growing need for military, peacekeeping and humanitarian transport capacity around the world.

Major development activities started in May 2003 after the engine contract was signed by Airbus Military and Europrop International. This contract covers the development and production of more than 750 engines to be delivered from 2009 for the A400M fleets of the United Kingdom, Germany, France, Spain, Turkey, Belgium and Luxembourg. Export opportunities, including a firm requirement from South Africa, enhance this figure.

Rolls-Royce is a 28 percent shareholder in EPI, with responsibility for whole engine integration and performance, the high pressure compressor, low pressure shaft, intermediate casing, oil and air systems and structural parts of the bearing supports.

Rolls-Royce pioneered the three-shaft engine architecture, upon which the TP400-D6 is based, as well as being the market leader for large military turboprops.

- **Ample growth potential, low risk design**
- **Civil standard parts life and attractive life cycle costs**
- **Modular design**
- **Low susceptibility to FOD and erosion**

Engine Specification

Engine	**TP400-D6**
Power shp (kW)	11,000 (8,200)
Pressure ratio	25
Length in (m)	138 (3.5)
Diameter in (m)	36.4 (0.92)
Basic weight lb (Kg)	4,100 (1,860)
Compressor	5IP, 6HP
Turbine	1HP, 1IP, 3PT
Applications	Airbus Military A400M

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