



Industrial Engineering

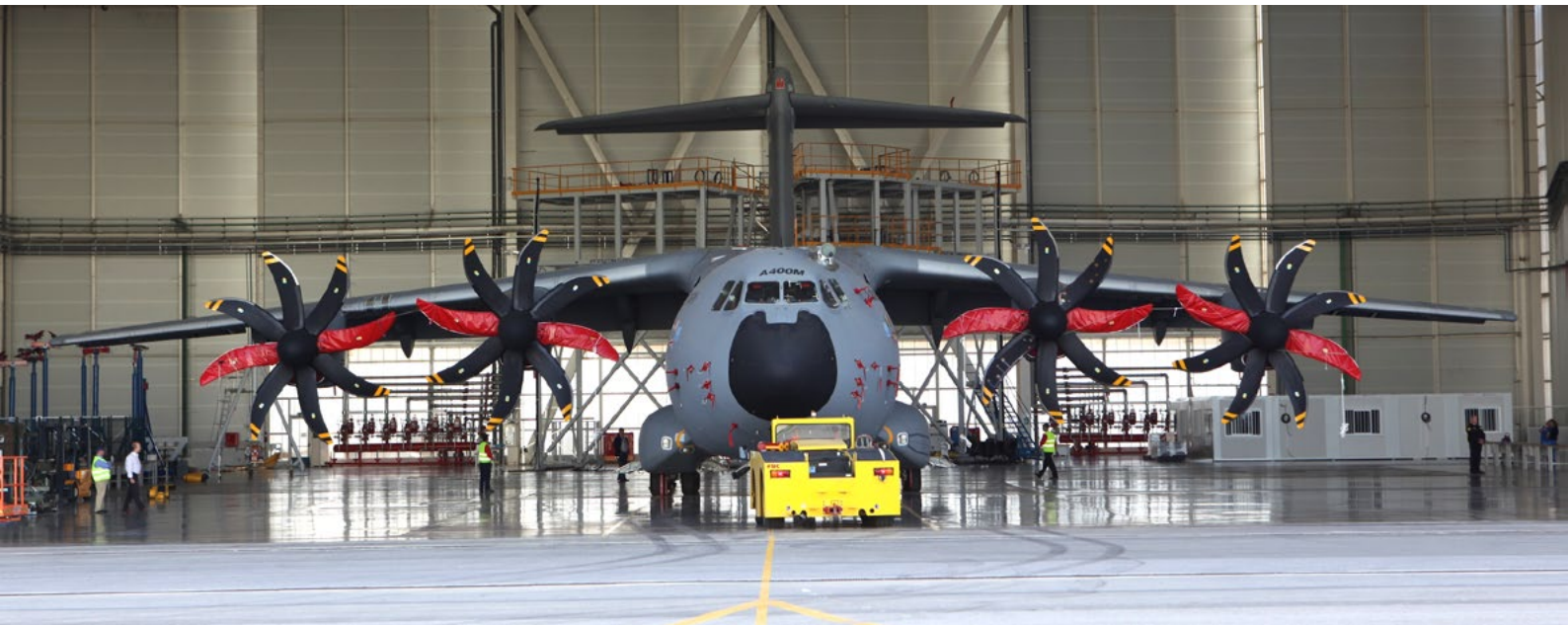
Test bench for TP-400 engines Moron de la Frontera Air Base Seville (Spain)

Turboprop Industry-Spanish Air Force: Overseeing works and health and safety coordination
Infrastructures (2005)



UNITED KINGDOM
FRANCE
SPAIN
PORTUGAL
MOROCCO

www.aertecsolutions.com



The work carried out by AERTEC Solutions in this project consisted of overseeing the works and health and safety coordination for the TP-400 engine test bench.

The TP-400 is the new 11,000 CV engine (8,200kW) for the Airbus A400M military transport aircraft. It is equipped with a twin-spool gas generator, with a third coaxial shaft connecting the low pressure power turbine to the 5.3 m-diameter eight bladed composite propeller, via an offset reduction gearbox.

The gas generator's configuration is as follows: five-stage intermediate pressure (IP) compressor, driven by a single stage IP turbine; contra-rotating six-stage high pressure (HP) compressor driven by a single-stage air-cooled HP turbine. The power turbine has three stages.

The building is within the Moron de la Frontera Air Base and located adjacent to a consolidated development, and it is equipped with all kinds of services, sanitation, supplies and electricity.

Technical data

- Developed surface area measuring: 8,973.55m²
- Built-up surface area measuring: 206.22m²

our projects speak for us

aertec ▶
SOLUTIONS

Aerospace & Aviation

UNITED KINGDOM

FRANCE

SPAIN

PORTUGAL

MOROCCO

www.aertecsolutions.com

