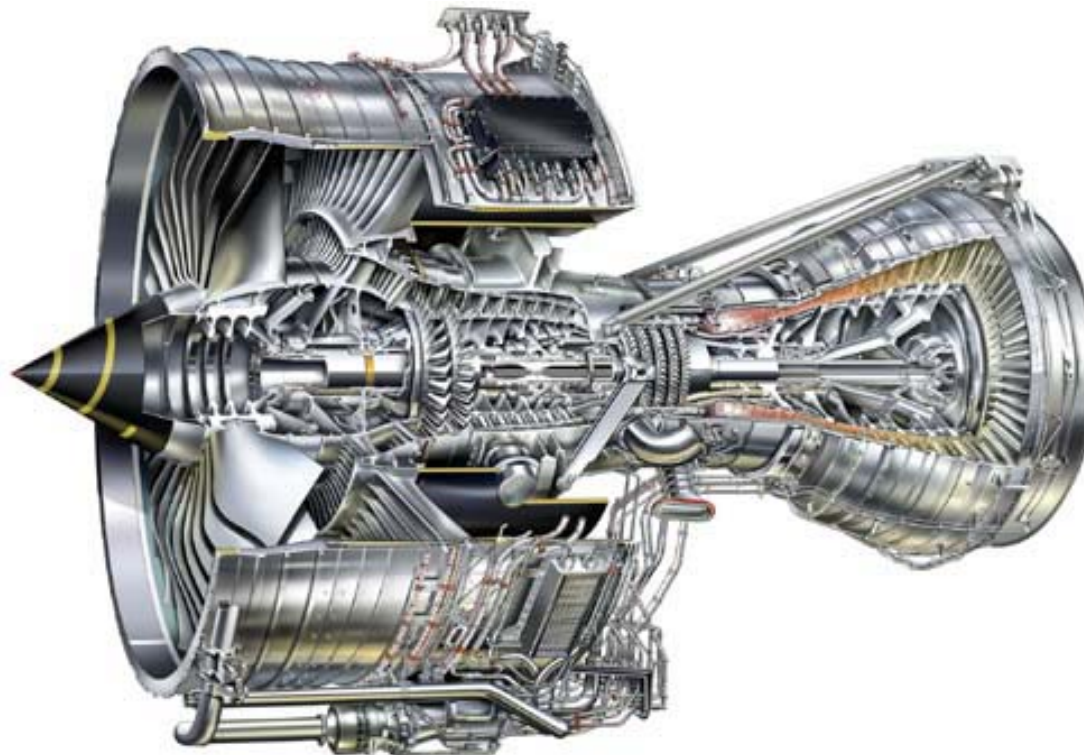


EASA TC for the Rolls-Royce RB211 Trent 900 engine!

In the middle of its move from Brussels to Cologne, the European Aviation Safety Agency was able to issue on 29 October 2004 a Type Certificate (TC) for the Rolls-Royce RB211 Trent 900 engine (the engine for the Airbus A380):



A few technical details:

Weight of the engine itself is roughly 6300 kg.

Length 5,3 m, Diameter ca. 3 m and with all externals roughly 4 m

Three shaft high bypass ratio engine with full electronic controls.

For the first time in civil area the shafts connecting 3 compressors (LP, IP HP) with the 3 turbines (LP,IP,HP) are counter rotating.

Take-off Thrust: Between 330 and 375 kN (74 000 – 84 000 pound) dependant on actual variant.

The Airbus A380 (to be featured with 4 Trent 900 engines) will be able in future to take off with a thrust of up to 1500 kN (or 336 000 pound)



EASA Type Certification ceremony for the Trent 900 on 29th October 2004:
Rolls-Royce Chief engineer Rob Savidge showing proudly the EASA TC just received.

Persons from left to right:

F. Copigneaux, Deputy Certification Director,

K. Böwing, Certification Manager Propulsion

N. Lohl, Certification Director

R. Savidge, Rolls-Royce Trent900 Chief Engineer

T. Colling , Project Certification Manager

D. Johnson, Rolls-Royce Airworthiness Engineer
