



ROLLS-ROYCE TRENT 1000 TEN CERTIFIED BY EASA

News / Manufacturer



The Rolls-Royce Trent 1000 TEN engine, which will power the Boeing 787 Dreamliner, has received official certification from the European Aviation Safety Agency (EASA).

The certificate was officially presented by Trevor Wood, Certification Director, EASA, to Gareth Jones, Trent 1000 Chief Engineer, Civil Aerospace, Rolls-Royce at Farnborough Airshow today. The presentation was attended by Nicole Piasecki, Vice President Propulsion Division, Boeing.

Certification confirms the engine has fulfilled EASA's airworthiness requirements and is the major engine milestone prior to the engine powering the 787 Dreamliner into service next year.

The Trent 1000 TEN (Thrust, Efficiency and New Technology) will power all variants of the Boeing 787 Dreamliner family. The engine draws on technologies from the Rolls-Royce Trent XWB engine and Advance engine engine programme, delivering thrust and efficiency improvements.

Gareth Jones said: "This is another step in our journey to bring outstanding performance and economics to our customers on the 787 Dreamliner. We have worked closely with Boeing and EASA to reach certification and I want to thank both organisations for their dedication to helping us

reach this goal.”

The Trent 1000 TEN has already powered tests on the Rolls-Royce Flying Test Bed aircraft, a Boeing 747, at Tucson, Arizona, US, which began in March, and is scheduled to start powering a Boeing 787 on test flights later this year.

The Trent 1000 powered the first 787-8 entry into service in 2011 and the first 787-9 into service in 2014.

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