

# Trent 700

## Power for the Airbus A330

The Trent 700 has provided 10 reliable years in service since its launch with Cathay Pacific in 1995. Designed specifically for the A330 it is the perfect match for the aircraft, providing the best performance over the widest range of operational and environmental conditions.

The Trent 700 is the first Trent, and saw the introduction of the 2nd generation wide chord fan, full authority digital engine control (FADEC), 3-D aerodynamics and many other innovations, whilst retaining the three-shaft design characteristics of low weight, strength and good performance retention.

As part of an expanding family of designs, the Trent 700 has also benefited from later developments, and features an HP module design based on the Trent 800. It is this new HP system that gives the engine its outstanding capability and long life.

The Trent 700 has been chosen by 29 operators of the A330, making it the most popular selection for the A330. In addition to its capability, a key reason for its popularity is its environmental credentials, it is the quietest powerplant for the A330 by some margin.

- **Most powerful engine for the A330**
- **Longest life engine for the A330**
- **Quietest engine for the A330**
- **Best thrust to weight ratio for the A330**
- **Best take-off and climb performance**
- **Over 4.5 million hours and 1.45 million cycles experience**

### Engine Specification

SLS, ISA, flat-rated to 37°C/99°F

Engine	Trent 772B
Thrust	71,100lb
Bypass ratio	5.0
Inlet mass flow	2030lb/sec
Fan diameter	97.4in
Length	154in
Stages	Fan, 8 IPC, 6 HPC, 1 HPT, 1 IPT, 4 LPT
Certification	January 1994
EIS	March 1995

