

Rolls Royce — Trent Engine Stands Centre Piece



QAV were commissioned to fit out a model of the Trent Engine for exhibiting at air shows around the globe.

The system involved ten LCD displays linked ten professional DVD players being controlled by a Crestron control system; this had to be synchronised between different functions of sound and visuals at different times and when combined gave a graphical view of the inner workings of the engine. LCD displays were mounted in the floor surrounding the engine together with smaller displays mounted onto the Engine model to show various internal functions of the engine.

The system used timecode from each of the players to match the video and sound sequences that needed to be played on the LCD screens located in the floor or in the engine casing.

A small LED show case was also incorporated into the engine casing to show actual components that were used in the construction of the engine.

Richard Jenkins, Rolls Royce Plc. commented *“The Trent Engine exhibit has marked a change in direction of airshow exhibits with the integration of traditional model making and the latest AV technology. Thank you for your contribution to this project making it such a success”*



Having travelled to international air shows around the globe such as Farnborough, Paris and China the exhibit can now be found at the Future of Flight in Mukilteo, Washington, USA.

Visitors their can now explore the inner workings of a jet engine without getting dirty, thanks to a unique animated display donated by Rolls-Royce.