ClearShield™

case study

Project: **ONSITE APPLICATON**
Title: **FARNBOROUGH AIRPORT CONTROL TOWER**
Date: **December 2002**

The airport is located on the outskirts of London, between Gatwick and Heathrow, whose control towers have been benefiting from the special protection for years. Farnborough airport specially caters to private executive jet users, with plans of expansion to obtain more commercial jet users.

Reid Architecture, London, designed the building. The tower aims to be the epitome of great design, functionally exceptional while sculpturally sublime. It is a building of which to be proud and that is a testament to the creative thinking of TAG Aviation, the airport owners, and the design team.

Glass in airports is subjected to a very aggressive environment, including contaminants such as unburned hydrocarbons. The corrosion of the glass caused by such contamination and atmospheric attack leads to a reduction in visibility, jeopardising safety and making cleaning more difficult.

The ClearShield protection will not only provide functional benefits, but will also ensure that this great design keeps its full aesthetic appeal by preventing staining and discolouration of the glass.

The tower was built by Alifabs Ltd, who has also constructed among others the control towers in Stansted Airport, the biggest in Europe, and Aberdeen, both of which also benefit from the ClearShield protection.

Ritec successfully completed the protection of all glazed areas of the Farnborough Airport Control Tower. This stunning new building whose glazing includes both sandblasted and clear glass is now fully benefiting from the low-maintenance properties of ClearShield Glass, and most importantly from an increase in visibility and safety which is critical to the operations of the air traffic controllers.

The application was carried out on-site by Ritec's team of specialist technicians, adding up to a total of 520m^2 of glass treated.

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