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## PROJECT PROFILE

**PROJECT:** MoD 747 Training Rig Refurbishment  
**LOCATION:** United Kingdom

### THE PROBLEM

The photograph shows a 747 Training Rig at a Ministry of Defence (MoD) establishment. The rig represents the physical dimensions of a Boeing 747 aircraft and is used to train Special Forces.

The client was looking to upgrade the paint/coating system, which had been applied to the 3,600m<sup>2</sup> steel structure over 12 years ago and was now showing signs of colour deterioration and rusting.



### THE SOLUTION



The entire surface of the steel structure was prepared by mechanical abrasion, which was spot primed using our anti-corrosive polyurethane, Corro-Tech HP. Two coats of Corro-Tech UV were then applied. Corro-Tech UV is a single component, solvent-based, moisture-cured, colour stable cosmetic finish that offers a tough, durable finish with excellent erosion and weather resistance.

One coat of our solvent-free, epoxy safety surfacing system, Grip-Tech, using Thortex WD Grip, was applied to sections along both wings and tailwings, which had previously been masked off prior to the application of the Corro-Tech HP and Corro-Tech UV systems. It was also applied to sections along the length of the cockpit and passenger cabin. A total area of 366m<sup>2</sup> was treated with our Grip-Tech system.