

CASE STUDY



Client: Royal Airforce

Product: Bespoke Platforms

**“ THE NEW
PROTOTYPE
HAWK TMK1
VIEWING
PLATFORMS
MET ALL THE
CRITERIA SET
OUT BY RAFAT ”**

THE CHALLENGE

The Royal Air Force required two quality viewing platform prototypes to be designed and manufactured for the Royal Air Force Aerobatic Team (RAFAT), more commonly known as The Red Arrows for use at their RAF base in Scampton, Lincoln.

An intermediate handrail, low step riser and anti-slip platform were all required, for safety. A safe working load was also important, being set at a desired weight of 364kg to allow a maximum of 4 people on the platform at any one time.

The aesthetics were the final point for consideration, with the RAFAT wanting a platform that provided visual impact when against the aircraft.

THE BRIEF

The platforms were required for allowing visitors to safely view the front cockpit area of the Hawk TMk1 Aircraft. The On-site consultation reviled a number of constraints and design criteria which were briefed to the Youngman Design Team. Manoeuvrability was a key issue with the platform, needing to be a lightweight construction with a small footprint that took up as little space as possible.

THE SOLUTION

The new Prototype Hawk TMk1 Viewing Platforms met all the criteria set out by RAFAT, and the product was delivered and successfully tested by the Youngman Installation Team and the Technicians of the Red Arrows at RAF Scampton.

