



## PROJECT PROFILE



# RAF Fairford

## THE TASK

RAF Fairford is a USAFE operated airfield providing strategic facilities to USAFE and NATO operations. The base has undergone major redevelopment and refurbishment of the runways, taxiways, AGL and the fuel handling and storage facilities. TPS was commissioned to re-design the fuel system elements of the project.

## THE DESIGN AND THE SERVICE

The re-design of the fuel system included: the extension of the incoming high pressure cross country line; new receipt facilities (including pre-coated filters and pipeline distribution manifold); two entirely new jet fuel storage facilities (including pumphouses); filter buildings, automatic hydrant loops, controls, instrumentation and HV sub stations; the enlargement and extension of an existing jet fuel storage system and hydrant loop; the re-lining and refurbishment of an existing storage tank; and modifications to the existing on base pipelines.

## THE RESULT

The design for the improved fuel system at RAF Fairford has contributed significantly to the overall efficiency and effectiveness of the airfield. Together with the other redevelopment work, this has enabled the base to strengthen the strategic support it is able to provide.

**CLIENT:**  
USAFE/NATO

**PROJECT VALUE:**  
£55m

**SERVICES:**  
○ Design

**TYPE:**  
Aviation and Defence