



## TAXIWAY CHARLIE SURFACE OVERLAY

### Delivery Team

Hollingsworth Bros UK Ltd

### Client

AUK

### Value

£160,000

### Consultants

Capita Symonds (Civil and Aviation)

## Details

The History: Taxiway Charlie was constructed during the 1940s and is used today for accessing the hangers from the adjoining runways.

The hangers are currently occupied by Hawker Beechcraft Ltd for the servicing of their aircraft.

Hollingsworth Bros UK Ltd was awarded the contract to resurface 4416m<sup>2</sup> of taxiway by means of overlaying.

The method of construction was a 40mm thick layer of stone mastic asphalt (SMA) surface course, laid on top of a Glasgrid pavement reinforcement system, which also treated the cracking in the underlying runway surface.

Additional landscaping works were carried out at the edge of the new surfacing to marry in the original ground with imported soil which subsequently was seeded with bird strike mix.

All white lining was replaced to original specification.





## PROGRAMME

Hawker Beechcraft Ltd agreed to a 48 hour shutdown period over a weekend. This meant Hollingsworth Bros UK Ltd commenced work at 06.00pm Friday evening.

Resources were brought to site to complete the work in that time scale, with additional plant (Barbour Green, planner, roller, tarmac batching plant), on site in case of a breakdown occurring.

Hollingsworth Bros UK Ltd utilized this additional plant in using the machinery as additional resources, thereby reducing the completion time for the surfacing works to a 16 hour period.

## INNOVATION

Hollingsworth Bros UK Ltd proposed the use of Masterpave surface course in conjunction with Glasgrid CG50 (a composite pavement reinforcement and moisture barrier system manufactured by Saint-Gobain.) The use of this material extends pavement life and reduces and prevent cracking to the pavement and increases load bearing capabilities .

## CLIENT SATISFACTION

Airbus UK expressed delight and satisfaction that the project was completed within the shut down period, and in budget, with no disruption to Hawker Beechcraft Ltd.

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