

Case study



T31B – American Airlines
accommodation fit out

T3IB – American Airlines accommodation fit out

Who

Having been referred to us by satisfied clients, American Airlines asked us to undertake the creation of a new staff accommodation and welfare unit.



Survey



Health & safety



Project planning & management



Electrical installation



Lighting modifications



Fire alarm isolations, modifications and integration



Electrical testing



Quality management

What

Comprising of a kitchen, office, rest room and locker room, this fit out required us to: upgrade the electrical power infrastructure for the space and make relevant changes to support that; remove partition walls and make good; install data containment throughout; install TV screens; design, supply and install a new kitchen facility, including the design and installation of a domestic water and pumped waste system; testing and hand-over.

Why

This facility accommodates the new American Airlines team with a small control office and restroom/locker facilities in the new Terminal 3 Integrated Baggage area (T3IB).

Where and when

This work was carried out in the Terminal 3 Integrated Baggage area, an airside location, and took two months to complete.

The story

A new state-of-the-art baggage handling facility has been set up at Heathrow Terminal 3 to process all of the terminal's direct and transfer baggage under one roof. The bag store has the capacity to hold 4,800 items. Combined with the latest processing technologies this allows airlines to offer passengers an early check-in opportunity as well as speeding up all aspects of baggage movement.

We were commissioned by American Airlines to create a functional staff accommodation and welfare unit to provide the facilities required by staff for refreshment, rest periods and personal needs, as well as providing a suitable space for other uses such as presentations and briefings to staff.

Starting with two adjacent properties within the T3IB staff accommodation level, both of which had insufficient utilities and power supply, we surveyed the space and planned the fit out to include a power infrastructure upgrade to meet the greater demand the new facilities would place on the system. After removing old partition walls we renewed the power installation and installed data cable containment throughout to facilitate swift network installation and support computing and TV services, for which we also installed a range of TV screens. The creation of a kitchen area included the design and installation of domestic water and pumped waste system. Perimeter desking with easy access power and data outlets, a new office window, and application of branded graphics completed the project.



Outcome

American Airlines baggage staff now have an ideal space to rest and refresh, ensuring they are fresh for work, which in turn helps ensure they are safe for work. American Airlines were very satisfied with the work and the finished facility, which was brought in on time and in budget.



All home safe On time In budget Regulations met Satisfied client

Project data

Design and planning

- Produce design package incorporating design drawings and written schedules
- Completion of as built drawings to Heathrow standards
- Facilitate the integration of building services installation
- Risk assessment and full H&S plan and documentation
- Programme of works
- Ensure design meets Heathrow approvals

Implementation

- Works completed to required time scales
- Secured additional works above the initial specification
- Water services and electrical testing and final commissioning carried out, and completed on time

Outcome benefits

- Work completed on time and in budget
- Design solution meets Heathrow standards
- Enabled operations team to be set up within the new premises in time for the "go live date"

Your next project

We hope that this brief case study has shown you some of our skills, experience and client/results focussed approach. As you approach your next project requiring electrical, mechanical and related skills and resources we hope you will consider Freemantle as a key contractor.

When you involve us you effectively increase the size of your own workforce as we become a part of your team. Your objectives become our objectives and we'll work with you to make your project a success.

To discuss how that might work and the benefits and advantages we can bring please contact me, Richard Freemantle, to arrange a free, no obligation, informal chat where you can scope out what you need and I can tell you how we can help. You can reach me on 020 8564 8217 or e-mail me at richard@freemantle.co.uk

I look forward to hearing from you.

Regards

Richard Freemantle

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