



PROJECT

LONG RANGE JIG REFURBISHMENT

CLIENT

AIRBUS OPERATIONS LIMITED

CONTRACT VALUE

£1.2M

OBJECTIVE

Hollingsworth Ellery were selected to carry the refurbishment of five long range jigs which produce the wings for A340 aeroplane ; one of the cornerstones of the business.

The jigs whilst being refurbished were not producing wings so Hollingsworth Ellery's (HE) priority was speedy completion to fulfil the fundamental objective.

The previous best programme for this project was 10 weeks. HE were challenged to achieve an 8 week programme

During the refurbishment of jig 2 both Jig 1 and Jig 3 were live actually producing wings.

The work involved a clean down and repaint, replacement of power and lighting, clean and replace timber forming working platforms of the jig, flashing to areas to negate cavities that build up swarf and replacement of GRP steps





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METHOD

A scaffold barrier was erected to the entire perimeter of the project at three levels. A monarflex screen was tie to the scaffold barrier to segregate Jig 2 from all surrounding live areas.

A construction programme defined a method of proceeding with works to work from the top of the jig down to the factory floor.

The jig has adaptable floors to suit the wings position. The major challenge was to ensure at no point no risk of fall for the workforce. The edge protection and portable access scaffolds form the key to overcome this.

RESULTS

Airbus UK took the opportunity to refurbish the overhead cranes during our possession of the jig. These activities became part of HE responsibility during the project as the Principle Contractor without affect to the programme and without additional cost.

A new specification was developed for the floor covering which has proven very successful.

The lighting levels are improved compared to the other recently refurbished jig.

At no point during the project were Airbus production inconvenienced or affected by HE activities

The jig was handed back to Airbus production exactly 8 weeks from possession as per construction programme

SUMMARY

Airbus UK business leader Leigh Warburton praised both standards of work and adherence to programme .

At contract completion the final account was agreed and signed off.

