1. Baggage tunnel design and construction at heathrow

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Abstract: The baggage tunnel forms a vital link in Heathrow Airport's underground integrated transfer baggage system. The tunnel is 2.1km long with a 5.1m internal diameter and links Terminal Five with Terminal One. It contains an automated transfer baggage system with a twin track. The transfer of the baggage will take place in a dedicated transfer facility in the basement of terminal T5C with a second baggage transfer building at Terminal Three. The vital benefits are that the manual handling of the baggage using vans will be put to an end, reducing the number of bags handled by people by three million a year. There will also be less congestion on the airport's roads and reduced emissions as well as it being cheaper and more reliable and predictable in operation. The improvement in the baggage handling system will help Heathrow to maintain its position as one of the world's leading airports. (0 refs)

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