Manchester Airport Departure Routes Information Pack

NORTHERLY DEPARTURES IN EASTERLY OPERATIONS (ROUTE DESIGNS)

June 2016

This document explains how we operate now and provides some information about the number of aircraft and passengers currently flying from Manchester Airport.

WANT TO KNOW MORE?
- There is a booklet like this one for each of our departure routes. Data information is already available on our website in a range of formats including films and downloadable information sheets. You can see them all at www.manchesterairport.co.uk/nightnoise.
- If you would like to talk to us you could:
  - phone our Freephone number (08000 967967);
  - send an email to communityrelations@manairport.co.uk; or
  - come to an outreach session (details are on our website).
You can watch aircraft movements and look at heights and positions over the ground using webtrak, which is on our website at www.manchesterairport.co.uk/webtrak.

2016

MEASURING NOISE

Generally, the closer that you live to an airport and a departure or arrival route, the more noise you will hear.

‘Noise contours’ give an indication of general noise levels and show an average noise reading over a set period of time. They use actual information on the position, number, heights and noise levels of arrivals and departures to and from Manchester. Noise contours look like a series of concentric rings, like in a tree trunk. The closer the rings are to the airport, the louder the noise is. This is represented by a number. Current Government guidelines recommend a noise reading of below 55 decibels. If you live in this area, you can apply for help with this noise insulation such as high performance glazing or loft insulation at 63 decibels. You can see them all at www.manchesterairport.co.uk/nightnoise.

Extra information is already available on our website in a range of formats including films and downloadable information sheets. You can see them all at www.manchesterairport.co.uk/nightnoise.

Manchester Airport – the largest outside the South East – delivers £1.7bn to the Northern economy every year.

Manchester Airport

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The accuracy with which an aircraft navigates depends on the following:

- The size of the aircraft
- Satellite navigation replacing navigational aids on the ground, enabling aircraft to fly without visual means.
- Weather conditions
- The changes relate to three levels of airspace.

Currently aircraft navigate using navigational equipment on the ground close to and around our airport to join the high level routes as a part of this project, NATS will examine if this is the best way to control aircraft approaching the airfield and before they land.

The maximum number of departures on a single day in October was just...

During October there were...

During the night period from 11pm to 6am.

The graphics below show the height of aircraft on the DESIG15 route at the places marked on the route. They show the concentration of aircraft in the centre of the route and the height above sea level.

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To understand the effect a route has on the community it flexes over, we have highlighted the number of days each month, over several years, when easterly departure routes were used.

There are three routes with easterly departures shown on this diagram. These are used for an average of 3% of our flights. In 2016 these were ASMIM1S to Northern Europe and the Far East.

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