Manchester Airport Departure Routes Information Pack

WESTERLY DEPARTURES IN EASTERLY OPERATIONS (ROUTE ASMIM1S)
Flying over: Heald Green / Didsbury / Sale / Streford / Urmston

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

Manchester Airport officially opened on 25 June 1938 and is today owned by the 10 Councils of Greater Manchester and Industry Funds Management (IFM), with three airports in the group.

1939 saw 7600 passengers per year... today it’s grown to 28m

2017 Manchester Airport joined the list of top 20 European airports.

Manchester Airport – the largest outside the south east – delivers £1.7bn in the north west economy.

The Airport supports the employment of 45000 jobs in the region with 24500 people directly employed on our site.

Supporting over 14900 children in education every year. Manchester Airport teacher resources for key stages 1, 2 and 3 are available at www.manchesterairport.co.uk/education.

FLYING TO 210 DESTINATIONS

With new flights to Seattle and Addis Ababa.

210

IN 2001 A SECOND RUNWAY WAS ADDED

The Airport supports the employment of 45000 jobs in the region with 24500 people directly employed on our site.

OVER 100 STANDS

Manchester Airport – the largest outside the south east – delivers £1.7bn in the north west economy.

WANT TO KNOW MORE?

There is a booklet like this one for each of our departure and arrival routes. Including films and downloadable information sheets. You can see them all at www.manchesterairport.co.uk/runwaydatasheet.

For more information about how we operate and provide some of our information pack, please email IAD@manairport.co.uk.

If you would like to talk to us you could:

– phone our Freephone number (08000 967967)

– send an email to future.airspace@manairport.co.uk.

We will need to consult widely about changes to airspace in the future.

You can watch aircraft movements and look at heights and positions over the webtrak.

In 2012, the 150th year of Manchester Airport, the Community Trust Fund was added with 6543 volunteer hours in the community in 2017/2018.

Our Airport Academy helped 492 people into work on our site.

Community Trust Fund supporting community groups with over £3.5million in grants since 1997.

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WITH THE INFRASTRUCTURE FOR OVER 70 AIRLINES

AND 200 ON-SITE OPERATORS
HOW WE OPERATE

USE OF RUNWAYS

Manchester Airport has two runways. We use both runways during the daytime, but planning permission does not allow us to use Runway 2 between 10pm and 6am, unless we are doing maintenance on Runway 1.

As the number of flights has increased, we have needed to extend the times during which we use both runways. This happened in July 2018. The changes will reduce delays and increase efficiency. For more information about this see our web page at www.manchesterairport.co.uk/dualrunwayuse.

We have a Night Noise Policy which means that we do operate at night, but flights are restricted. You can read more about our Night Noise Policy at www.manchesterairport.co.uk/nightnoise.

RUNWAY DIRECTION

For safety reasons, aircraft must land and take off into the wind. At Manchester Airport the wind usually blows from the west, meaning aircraft approach from the east (over Stockport and Heald Green) and take off to the west (towards Knutsford). This is known as ‘westerly operations’.

Sometimes the wind direction changes and moves to the east. In this case, aircraft approach from the west (over Knutsford) and take off to the east (over Heald Green and Stockport). This is known as ‘easterly operations’.

On average, between 70% and 80% of our departures each year will be westerly operations. In 2018, 76% of flights were westerly operations and 24% of flights were easterly operations.

### TIMES WHEN TWO RUNWAYS USED

<table>
<thead>
<tr>
<th>DAYS</th>
<th>Summer season</th>
<th>Winter season from 27 October</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONDAY TO FRIDAY</td>
<td>6.15am to 8pm</td>
<td>6.30am to 10.30am and 4pm to 8pm</td>
</tr>
<tr>
<td>SATURDAY</td>
<td>6.15am to 4pm</td>
<td>6.30am to 10.30am</td>
</tr>
<tr>
<td>SUNDAY</td>
<td>6.15am to 9.30am and 1pm to 8pm</td>
<td>4pm to 8pm</td>
</tr>
</tbody>
</table>

The wind direction may change several times in a day, so we may change our direction of operations to reflect this. The table above shows the percentage of movements in each direction over the last eight years.

WANT TO KNOW MORE?

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/runwaydatasheet.

There is a booklet like this one for each of our departure and arrival routes. It explains how we operate and provides some information about the number of aircraft and passengers currently flying from Manchester Airport.

We will need to consult widely about changes to airspace in the future. If you would like to be on a mailing list to make sure you receive information about this see our web page at future.airspace@manairport.co.uk.
CURRENTLY AIRCRAFT NAVIGATE USING NAVIGATIONAL EQUIPMENT ON THE GROUND CLOSE TO AND AROUND OUR RUNWAYS. A SERIES OF INSTRUCTIONS WILL NAVIGATE THE AIRCRAFT ALONG THE WHOLE ROUTE (FOR EXAMPLE, TO FLY STRAIGHT AHEAD FOR A SET DISTANCE AND THEN TURN AT A PARTICULAR POINT TO A COMPASS BEARING OF…). WIND DIRECTION.

THE ACCURACY WITH WHICH AN AIRCRAFT NAVIGATES DEPENDS ON THE FOLLOWING.

- THE SIZE OF THE AIRCRAFT
- THE WEIGHT OF THE AIRCRAFT
- WEATHER CONDITIONS


THE GOVERNMENT HAS SAID THAT ALL UK AIRPORTS MUST MAKE CHANGES TO THEIR AIRSPACE. THIS WILL CREATE MORE JOBS AND BOOST THE REGION’S ECONOMY.

THE GOVERNMENT WILL ALSO ENABLE US TO CREATE THE BEST POSSIBLE DESIGN TO MAKE SURE WE CAN ACHIEVE MANCHESTER AIRPORT’S POTENTIAL BY SECURING FURTHER ROUTES TO DESTINATIONS AROUND THE WORLD. THIS WILL REPOSITION SOME OF THE MAIN AIRWAYS OVER THE UK TO INCREASE EFFICIENCY AND IMPROVE THE CUSTOMER EXPERIENCE WITH LESS TIME IN HOLD, MORE TIMELY ARRIVALS AND SIGNIFICANTLY REDUCING NOISE AND EMISSIONS. ALL OF THIS IS BENEFICIAL TO COMMUNITIES THAT THE AIRCRAFT FLY OVER.
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 noise insulation such as high performance glazing or loft insulation at 63 decibels. If you live in this area, you can apply for help with this at www.manchesterairport.co.uk/soundinsulation.

Noise contours are common for measuring noise around other transport routes such as roads and railways.

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– phone our Freephone number (08000 967967);
– send an email to community.relations@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.

manchesterairport.co.uk