

# Public Document Pack

## NOISE MONITORING SUB-COMMITTEE

Friday, 21 April 2023

### **Present:**

Norman Elias, Chair and Passenger Rep  
Helen Bradshawe, Knowsley Council  
Martin Chan, St Helen's Council  
David King-Hele, Wirral Council  
Isobel Mason, Halton Council  
Tony Rice, Vice-Chair  
Ian Rushforth, Liverpool City Council  
Bob Swann, Chair of the LJLACC

### **Liverpool John Lennon Airport**

Andrew Dutton, Head of Environment  
Colin Barnes, Environment and Safeguarding Manager

### **Secretariat**

Joe D'Henin, Assistant Secretary

#### 9 **APOLOGIES**

Apologies for absence had been received from Peter Hargreaves, Environmental Officer for Cheshire West and Chester Council.

#### 10 **DECLARATION OF INTERESTS**

There were no declarations of interests.

#### 11 **APPOINTMENT OF CHAIR**

The Secretary invited members of the Noise Monitoring Sub-Committee to appoint a Chair for the next business year.

Norman Elias was nominated by Tony Rice and seconded by Helen Bradshawe. As nobody else was nominated, Norman Elias was to be appointed Chair unopposed.

**Resolved - That Norman Elias be appointed Chair of the Noise Monitoring Sub-Committee for the period April 2023-April 2024.**

#### 12 **APPOINTMENT OF DEPUTY CHAIR**

Tony Rice was nominated by Norman Elias and seconded by Bob Swann. As nobody else was nominated, Tony Rice was to be appointed Vice-Chair unopposed.

**Resolved – That Tony Rice be appointed Vice Chair of the Noise Monitoring Sub-Committee for the period April 2023- April 2024.**

13 **MEMBERSHIP AND TERMS OF REFERENCE**

**Resolved – That the Membership and Terms Reference of the Noise Monitoring Sub-Committee be noted.**

14 **CHANGES IN MEMBERSHIP**

Martin Chan had joined the Sub-Committee as the new St Helen's Environmental Health representative.

15 **MINUTES OF LAST MEETING**

**Resolved - that the minutes of the meeting of the Noise Monitoring Sub-Committee held on 20 January 2023 be agreed as an accurate record.**

16 **NOISE COMPLAINTS LOG**

Colin Barnes, Environment and Safeguarding Manager, introduced the Noise Log for the period 1<sup>st</sup> January 2023 to 1<sup>st</sup> March 2023 with a comparison of aircraft movements over a rolling 24 month period from April 2021 and a rolling 51 month period from April 2019 to March 2023. A comparison of aircraft movement by day or night and airline, alongside a comparison of historic runway usage from 1999 to 2023 was also provided.

An outline of the appended slides was reported, providing a breakdown of the 14 complaints received during the period. The slides analysed complaints by date, complainants, area, reasons for complaints (including flight routes and runways used) and a comparison with previous year. It as noted that February seen the highest number of complaints during the period, with 8 complaints from 4 individuals. The highest number of complaints on any single day during the period was 2, whilst Wirral seen the highest number of complaints with 6 complaints during the period. The Sub-Committee were informed that the number of complaints received was in line with those received during the same period in 2022, which was historically a period of a low level of complaints.

17 **AIRSPACE CHANGE**

Andrew Dutton, Head of Environment, provided an update on the Liverpool John Lennon Airport (LJLA) Airspace Change Proposal (ACP). An overview of the CAP 1616 process to date was outlined, with LJLA being paused at Stage 4a sinnce November 2020. The LJLA ACP had restarted with a review of Stage 2, and the options for additional aircraft routes, as a result of changes

since the ACP was paused. Changes such as the development of a national masterplan and development of neighbouring ACP designs were also outlined. The Sub-Committee were informed that following a workshop in July 2022 between the MTMA cluster of airports, additional options as part of the review of LJLA's Stage 2 submission had been identified. Andrew proceeded to talk the Sub-Committee through the attached slides which outlined the current airspace operation and the additional airspace operation options. Details of how to provide feedback on the options presented were shared, whilst it was noted that a full detailed overview of the options would be shared with Sub-Committee members following the conclusion of engagement sessions.

The two face to face Stage 2 options presentations were planned for 27/28 April 2023 and the virtual sessions 19 April and 4 May 2023.

18 **DATE OF NEXT MEETING**

The next meeting of the Sub-Committee was the 28 July 2023 at 10.30 am.

19 **ANY OTHER BUSINESS**

There was no other business.

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## Noise Monitoring Sub Committee

21<sup>st</sup> April 2023

With over 70 destinations to fly to, where will you go next?  
#WhereNext [liverpoolairport.com/wherenext](http://liverpoolairport.com/wherenext)

LiverpoolJohn  
LennonAirport   
Faster. Easier. Friendlier.

1



## Aircraft Movements

January to March 2023

2

## Runway Operation

**Runway 09**  
 Arrivals from the West  
 Departures to the East

**Runway 27**  
 Departures to the West  
 Arrivals from the East

With over 70 destinations to fly to, where will you go next?  
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LiverpoolJohn LennonAirport  
 Faster. Easier. Friendlier.

3

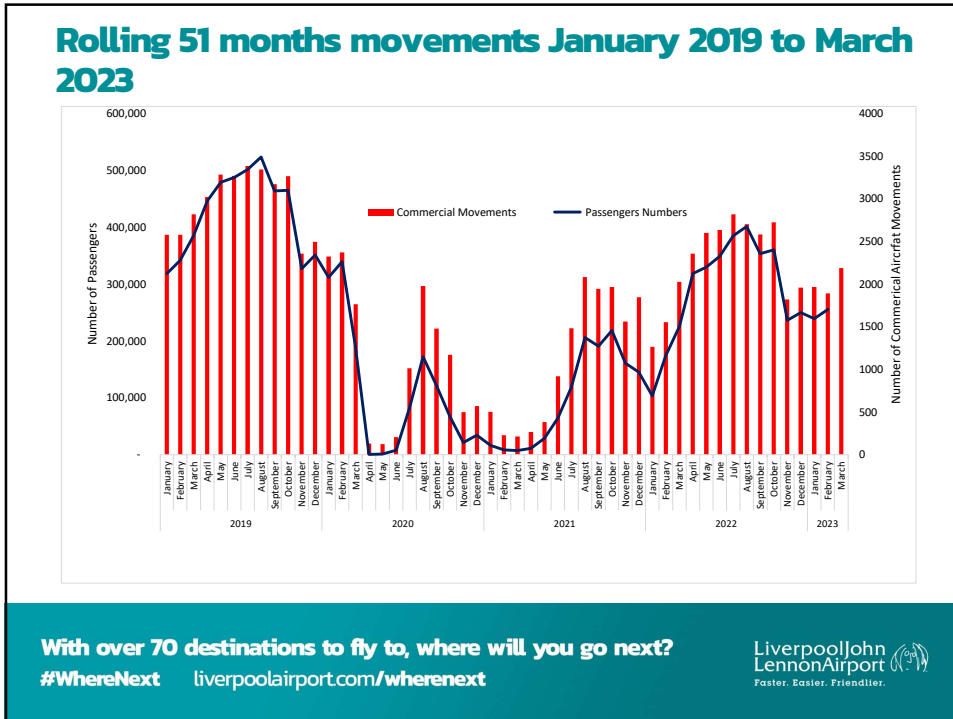
## Rolling 24 months movements April 2021 to March 2023

Month	Total	Cargo	Charter	Diverted	GA	Positioning	Scheduled	Unknown	Total Commercial
<b>2021</b>									
Apr	1,747	-	30	-	1,482	41	194	-	265
May	2,031	4	12	-	1,647	18	350	-	384
Jun	2,892	1	2	-	1,974	22	893	-	918
Jul	3,308	6	15	-	1,826	28	1,433	-	1,482
Aug	3,953	-	23	-	1,871	29	2,030	-	2,082
Sep	3,736	6	17	-	1,788	25	1,900	-	1,948
Oct	3,511	10	28	-	1,544	33	1,896	-	1,967
Nov	3,201	19	22	-	1,641	27	1,492	-	1,560
Dec	2,839	34	23	1	990	44	1,746	1	1,847
<b>2022</b>									
Jan	2,629	58	16	-	1,363	10	1,182	-	1,266
Feb	2,546	39	27	1	990	32	1,457	-	1,555
Mar	4,018	8	34	-	1,989	33	1,954	-	2,029
Apr	4,431	10	67	-	2,073	43	2,238	-	2,358
May	4,417	1	78	-	1,816	95	2,427	-	2,501
Jun	4,534	78	4	-	1,899	23	2,530	-	2,635
Jul	4,732	80	30	-	1,911	45	2,666	-	2,821
Aug	4,747	14	17	-	2,045	27	2,644	-	2,702
Sep	4,107	12	25	-	1,524	20	2,526	-	2,583
Oct	4,146	8	39	-	1,422	54	2,623	-	2,724
Nov	3,099	60	13	24	1,255	37	1,710	-	1,820
<b>2023</b>									
Jan	3,176	45	19	7	1,202	29	1,874	-	1,967
Feb	3,341	47	20	1	1,449	31	1,793	-	1,891
Mar	3,474	34	19	7	1,278	35	2,101	-	2,189

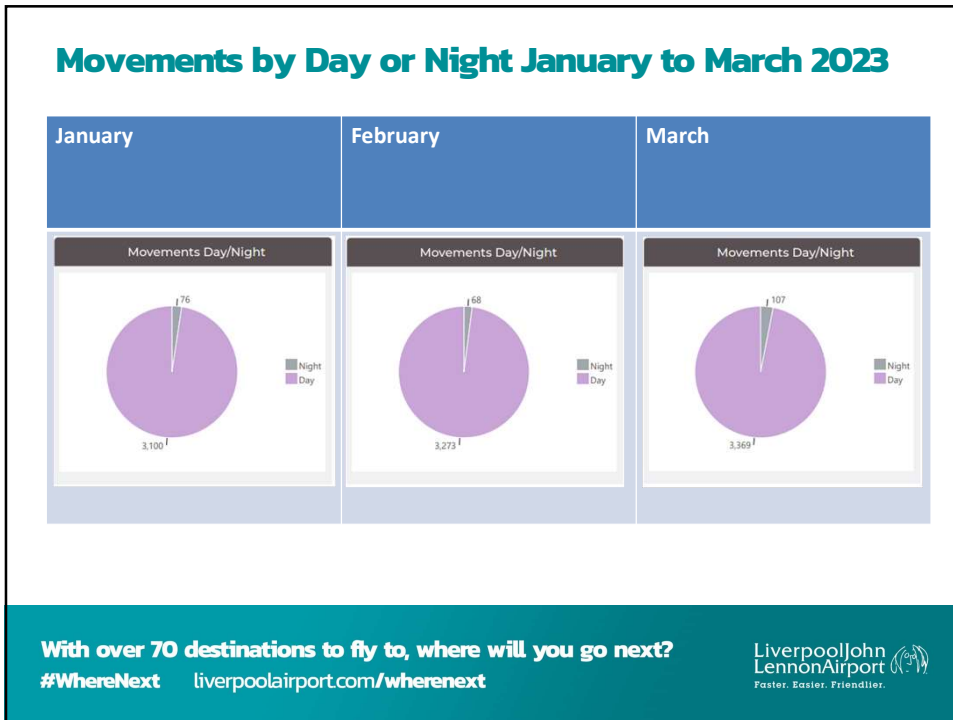
With over 70 destinations to fly to, where will you go next?  
 #WhereNext [liverpoolairport.com/wherenext](http://liverpoolairport.com/wherenext)

LiverpoolJohn LennonAirport  
 Faster. Easier. Friendlier.

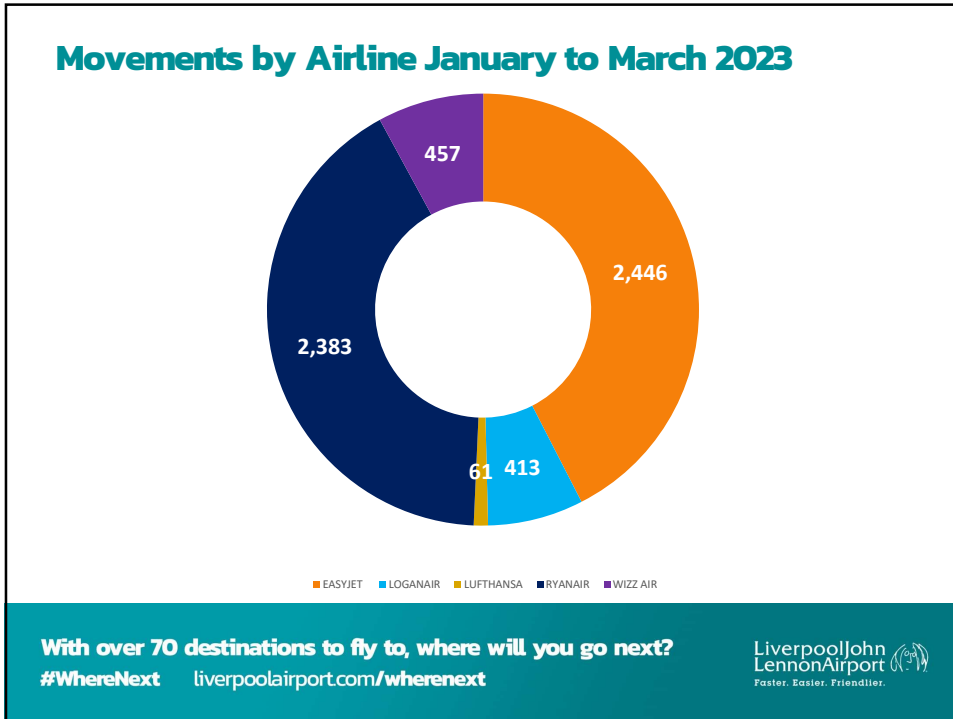
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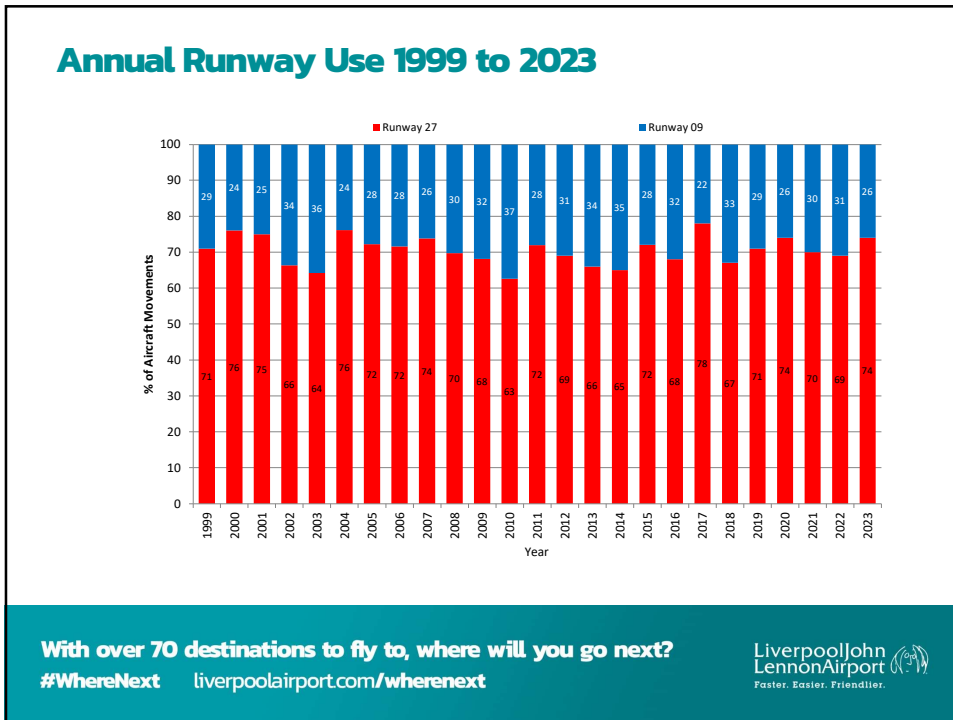
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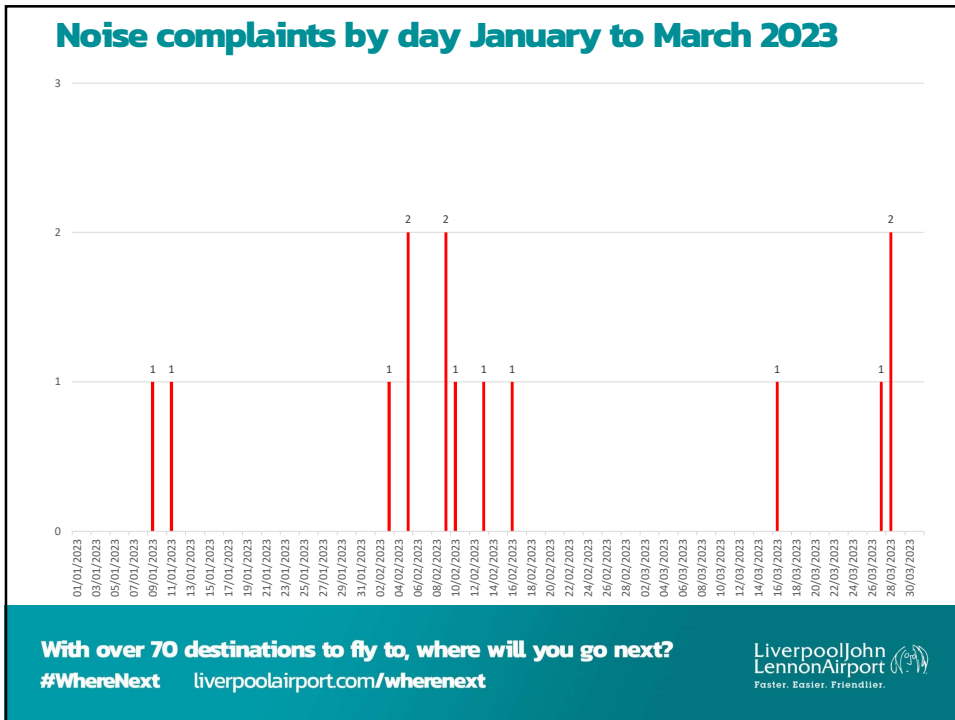


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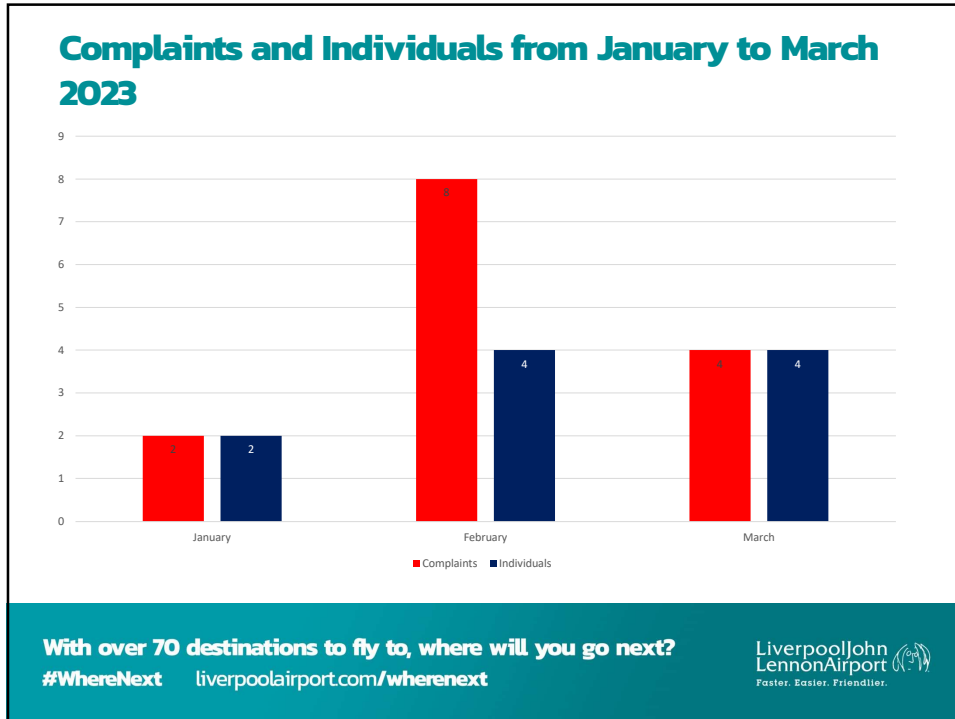




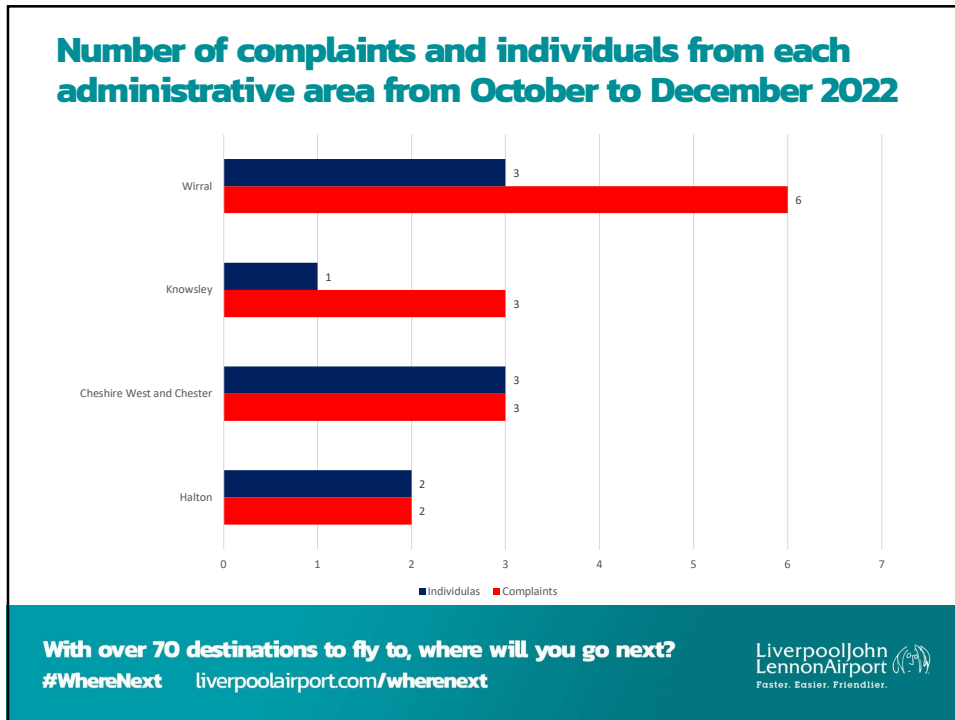
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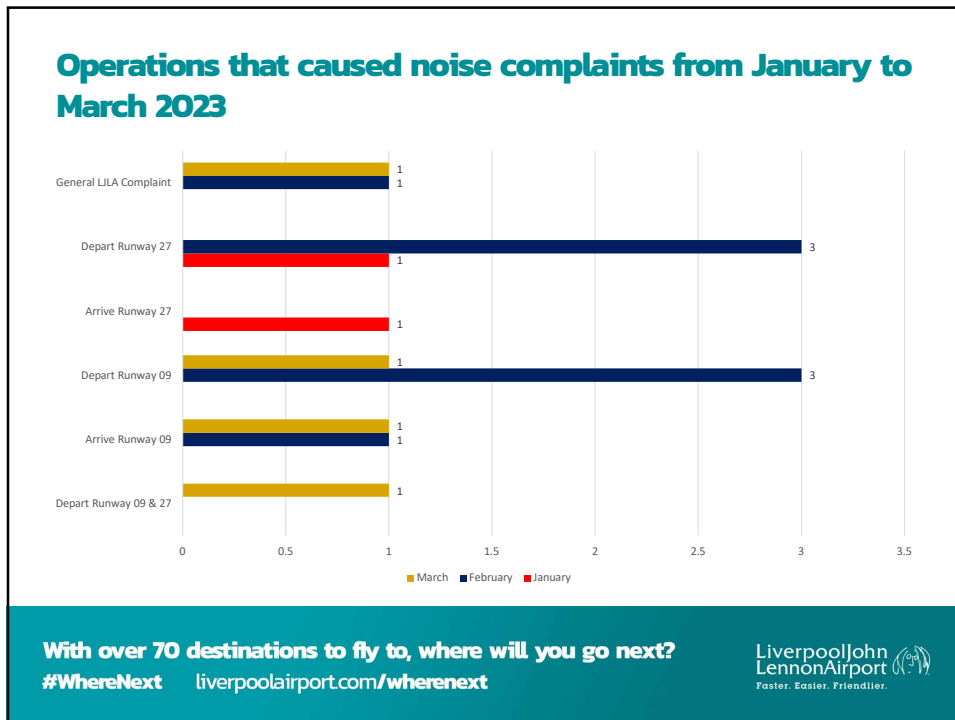
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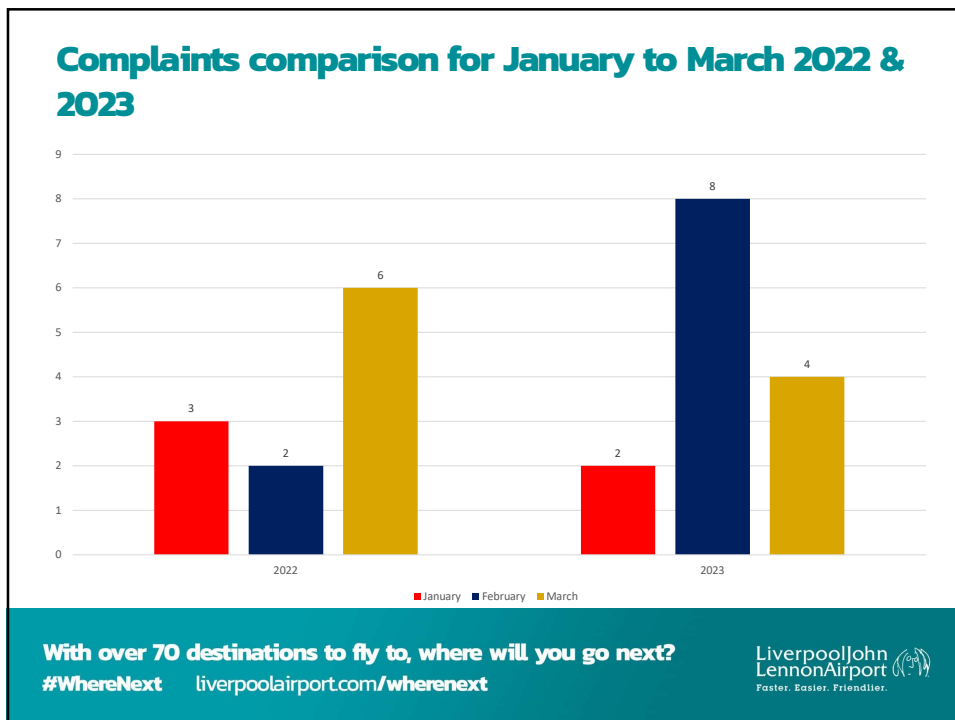
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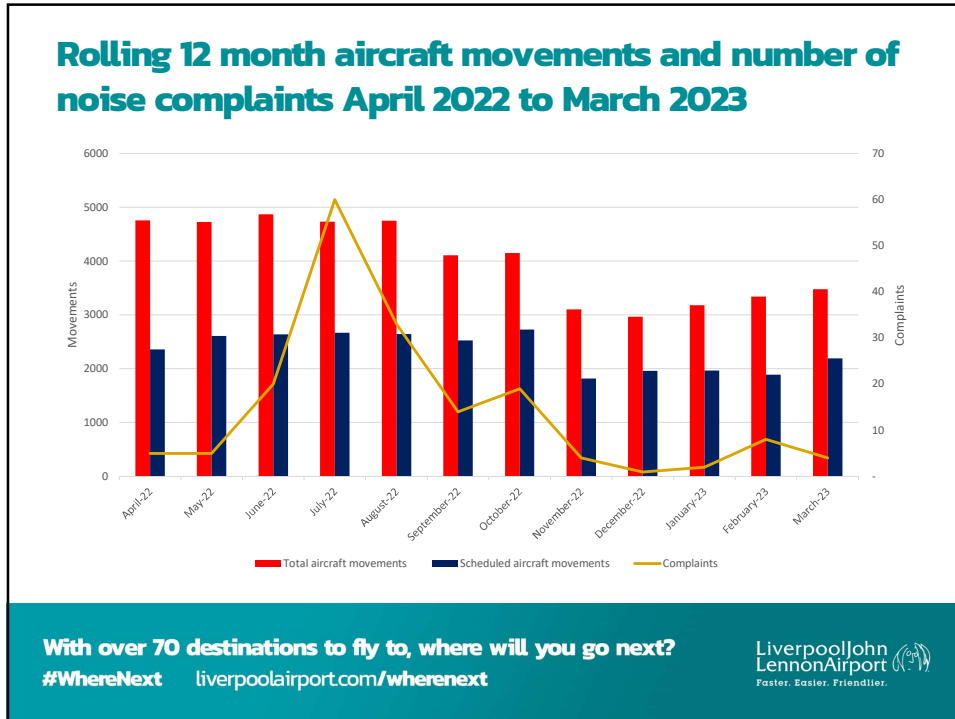
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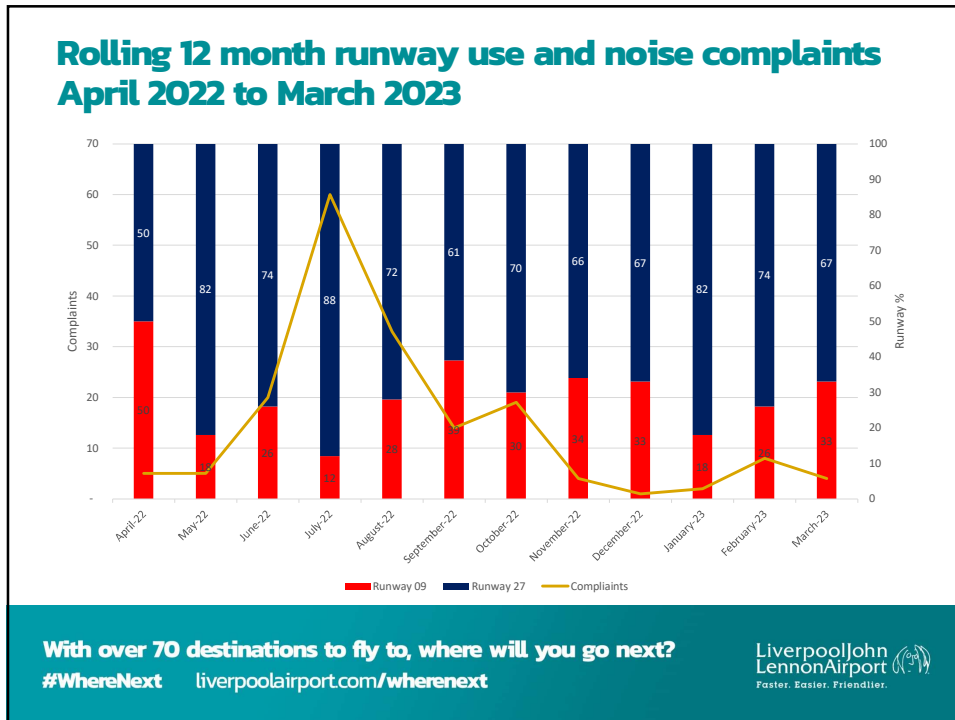
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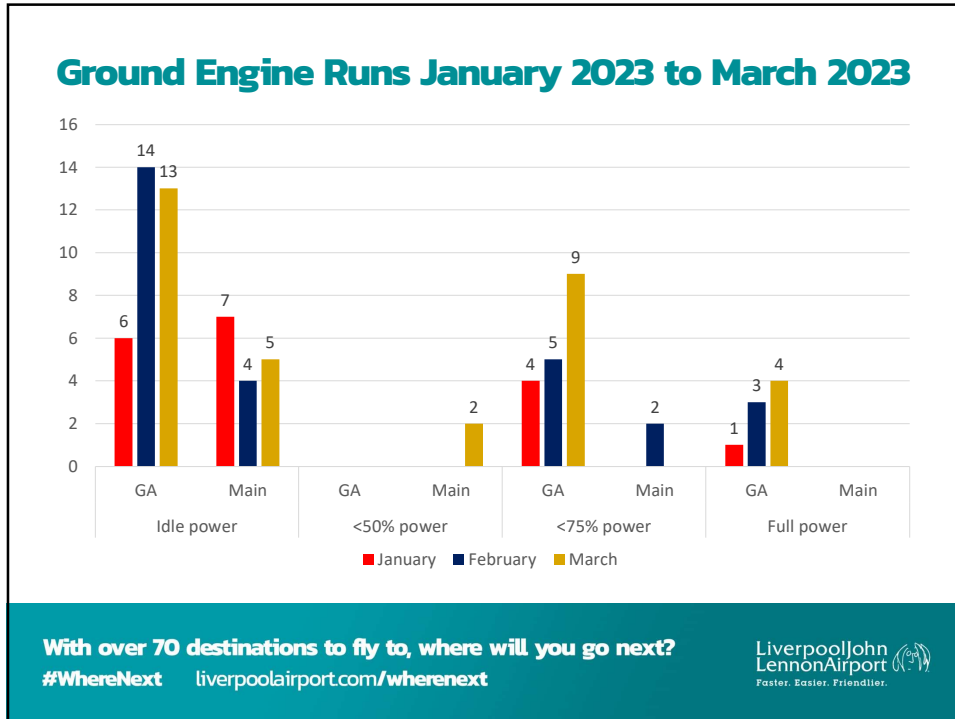
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17



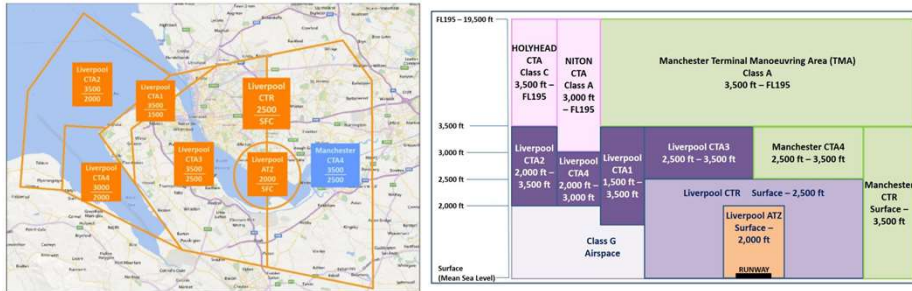
### NMSC – Engagement Summary

- LJLA Started January 2018
- LJLA Paused November 2020 at Stage 4a
- LJLA Re-starting with re-view of Stage 2 - Changes since paused (e.g. National Masterplan and Developing Design of neighbouring ACP)
- A LJLA/ Manchester/ NERL/ ACOG workshop held in July 2022 identified additional options which require further consideration as part of a review of the LJLA Stage 2 Submission
- These options consider 3 potential conflicts with Manchester traffic identified after LJLA had completed Stage 3 of the CAP1616 process
  - 27 Southerly arrivals
  - 09 Left turn departures
  - 09 Right turn departures
- Following this workshop LJLA agreed to present an additional 10 options
  - 2 Arrival Options
    - 2 Transitions
    - 0 Approaches
  - 8 Departure Options

18

### Current Operation- Airspace

LJLA Airspace sits under the Manchester Terminal Manoeuvring Area (MTMA) and NERL Airspace, Airspace is Class D unless indicated.

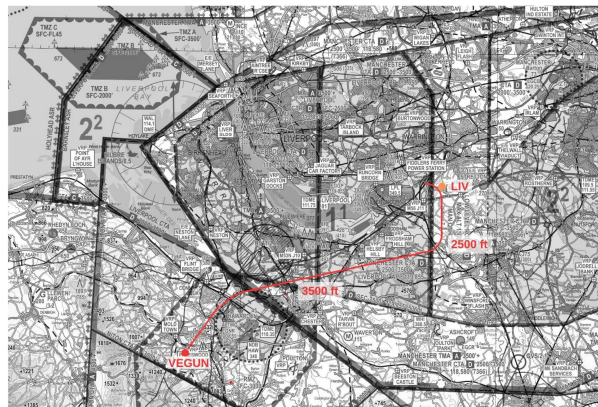


19

### Additional Option- Transition VEGUN SB1



Option to shorten Base leg to limit the interaction with Manchester Traffic



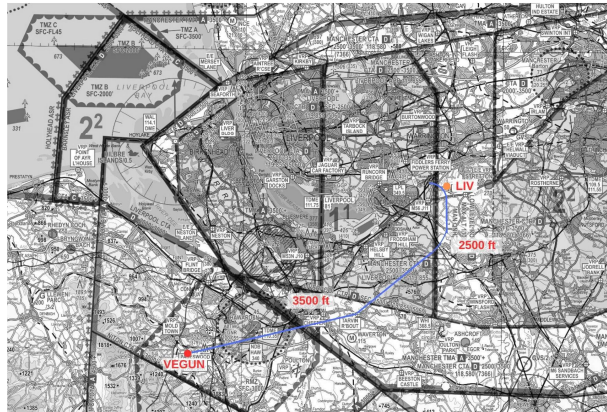
20



### New Option- Transition VEGUN SB2

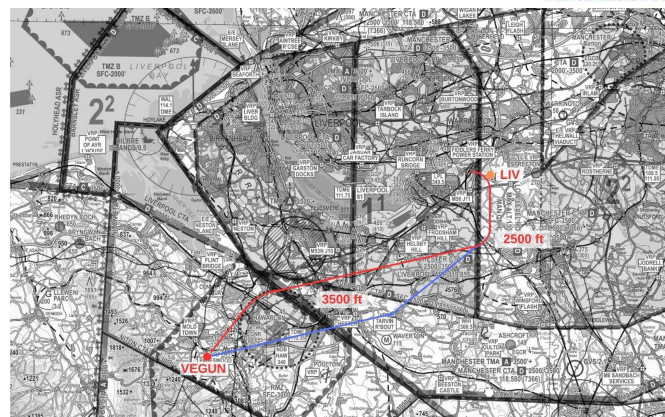


Alternative Option to shorten Base leg to limit the interaction with Manchester Traffic



21

### New Option- Combined VEGUN SB1 and 2



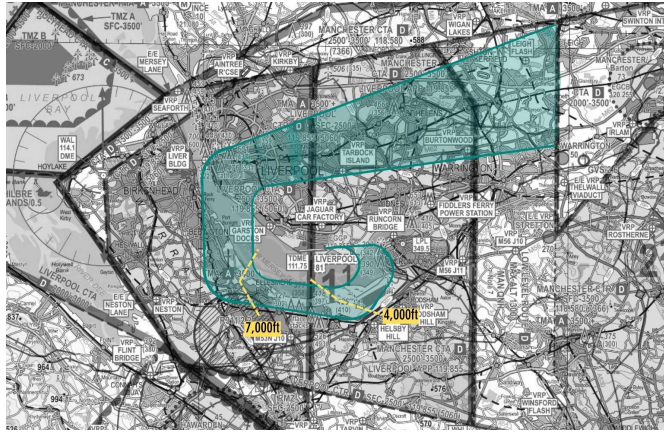
22

### New Option- 09 Departure Right Turn to NE



Option to turn right early following a 09 departure to the North East to limit the interaction with Manchester Traffic

DPO

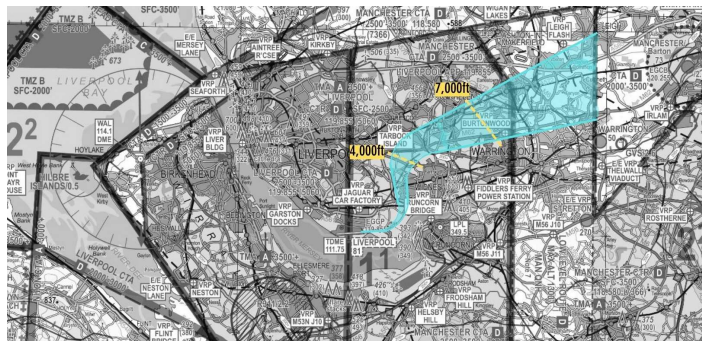


23

### New Option- 09 Departure Left Turn to NE



Option to turn left early following a 09 departure to the North East to limit the interaction with Manchester Traffic



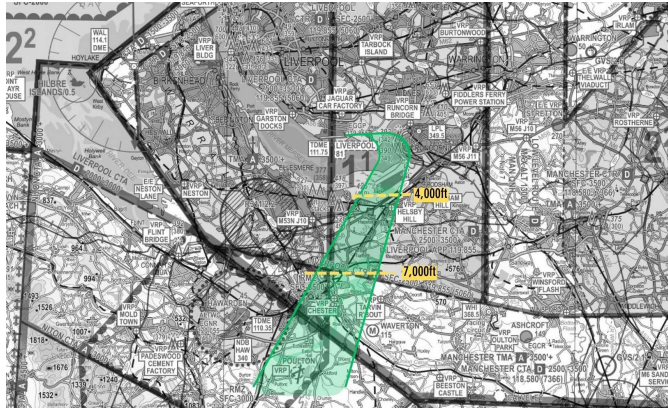
24

**DPO** Check altitudes, 4-7 distance changes massively  
DOUGLAS, Paul, 2023-03-31T10:46:49.960

### New Option- 09 Departure Right Turn to S



Option to turn right early following a 09 departure to the South to limit the interaction with Manchester Traffic

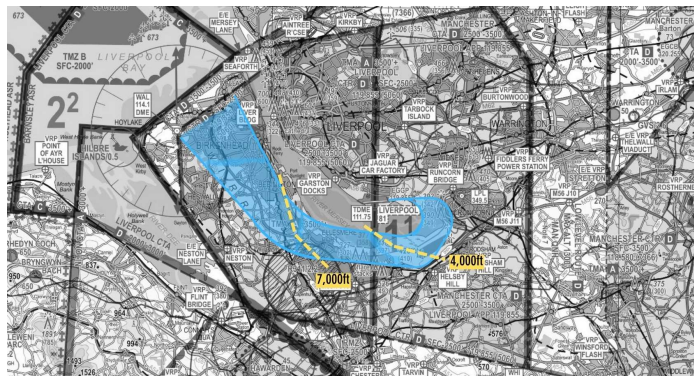


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### New Option- 09 Departure Right Turn to NW



Option to turn right early following a 09 departure to the North West to limit the interaction with Manchester Traffic

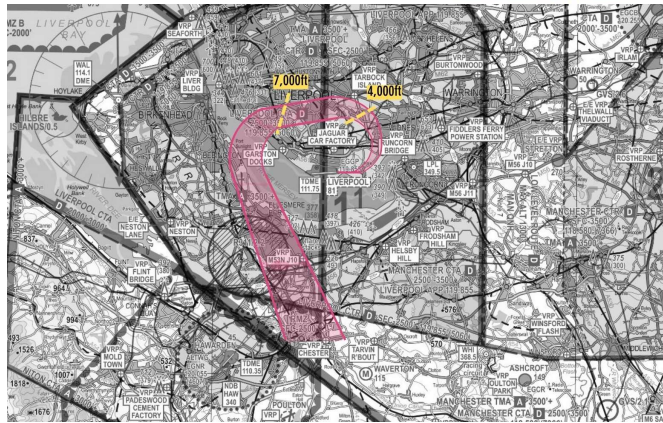


26

### New Option- 09 Departure Left Turn to S



Option to turn left early following a 09 departure to the South to limit the interaction with Manchester Traffic

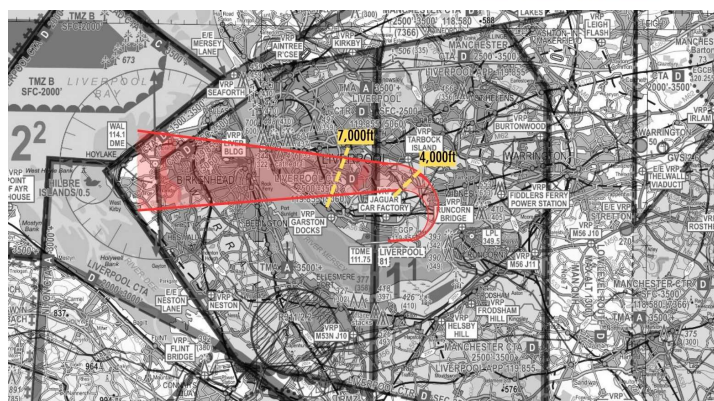


27

### New Option- 09 Departure Left Turn to W



Option to turn left early following a 09 departure to the North West to limit the interaction with Manchester Traffic

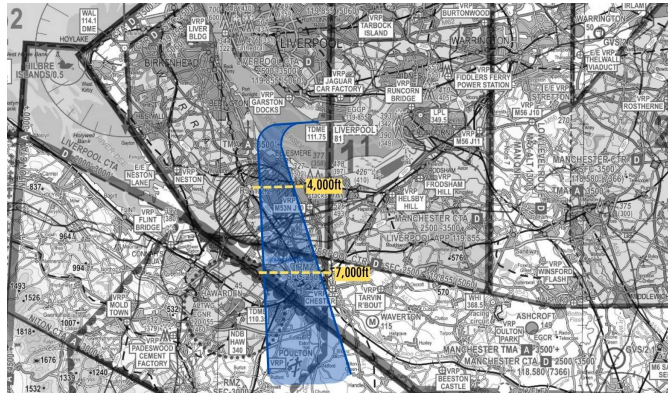


28

### New Option- 27 Departure Left Turn to S



Option to turn left following a 27 departure to the south, integrating with upper airspace designs.

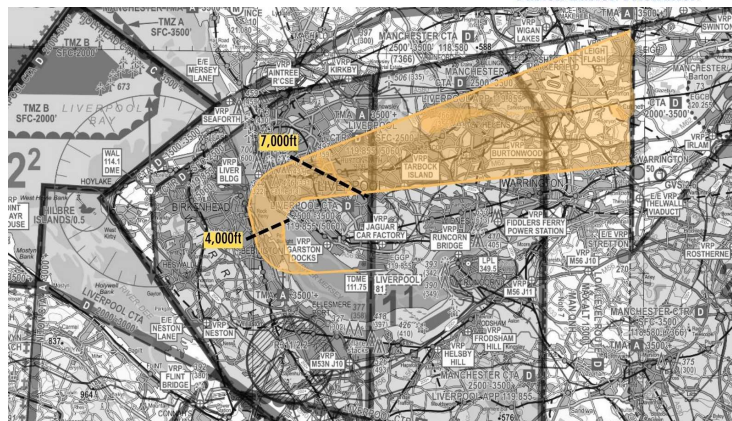


29

### New Option- 27 Departure Right Turn to NE



Option to turn right after 27 departure to the north east, integrating with upper airspace designs.



30

**These are a summary of the engagement slides.**

**A full set will be sent out to NMSC members after the final engagement meeting on the 4<sup>th</sup> May 2023.**

31

## How to provide feedback

LJLA Airspace Change Stage 2  
Update



- Please provide feedback via the QR code
- If you are unable to access the questionnaire via the QR code, you can access the questionnaire via the link below:

<https://forms.office.com/e/pTXR7JY1yn>

- Alternatively, send feedback to:

[airspacechange@LiverpoolAirport.com](mailto:airspacechange@LiverpoolAirport.com)

Or by post to:

Airspace Change  
Environmental Team  
Aviation House  
Liverpool Airport  
Liverpool  
L24 1YD

- Please provide feedback by 1700 hrs 1<sup>st</sup> June 2023

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