



Noise Monitoring Sub-Committee

Date: Friday, 21 January 2022

Time: 10.30 a.m.

Venue: Liverpool Airport L24 1YD

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AGENDA

1. **APOLOGIES**
2. **DECLARATION OF INTERESTS**
3. **CHANGES IN MEMBERSHIP**
4. **MINUTES OF LAST MEETING (Pages 1 - 12)**

To approve the minutes of the Noise Monitoring Sub-Committee meeting held on 22nd October 2021, attached.

5. **NOISE COMPLAINTS LOG (Pages 13 - 16)**

To consider the Noise Complaints Log for the period 1st October 2021 to 31st December, attached.

6. **AIRSPACE CHANGE**
7. **DATE OF NEXT MEETING**

The next meeting of the Noise Monitoring Sub-Committee will be set at the Consultative Committee meeting in February 2022, but it is likely to be 22nd April 2022.

8. ANY OTHER BUSINESS

NOISE MONITORING SUB-COMMITTEE

Friday, 22 October 2021

Present:

Norman Elias, Chair

Helen Bradshawe, Environmental Health, Knowsley Council

Jim Candlin, Environmental Health, Cheshire West and Chester Council

David King-Hele, Environmental Health, Wirral Council

Tony Rice, Disabled Persons

Ian Rushforth, Environmental Health, Liverpool City Council

Councillor Malcolm Spargo, Hale Parish Council

Isobel Mason, Environmental Health, Halton Borough Council

Bob Swann, Chair of LJLACC

Liverpool John Lennon Airport

Colin Barnes, Environmental Advisor

Andrew Dutton, Head of Environment

Secretariat

Mike Jones, Secretary

20 **APOLOGIES**

Apologies for absence had been received from Ian Gaskell, Environmental Health, Knowsley Council.

21 **DECLARATION OF INTERESTS**

There were no declarations of interests.

22 **CHANGES IN MEMBERSHIP**

The Secretary reported that the Liverpool Councillors on the Sub-Committee, Leon Tootle and Tricia O'Brien, had both not been elected in the May 2021 elections and Liverpool City Council had not made any appointments to outside bodies since the start of the pandemic. They will be monitored and prompted when this situation changed.

23 **MINUTES OF LAST MEETING**

Resolved -

that the minutes of the meeting of the Noise Monitoring Sub-Committee held on 16 July 2021 be agreed as a correct record and signed by the Chair.

24 **NOISE COMPLAINTS LOG**

Andrew Dutton introduced the Noise Log and spoke about flight volumes, which were increasing monthly but were still 55% down on pre-Covid movements, although the Airport looked forward to a fuller recovery in Spring 2022. The aviation industry as a whole had anticipated more noise complaints as flights started to return as many communities had had a prolonged periods of limited aircraft movements and any increase would be envisaged as significant.

Colin Barnes talked through the slides, attached, analysing the 26 complaints received and also comparing flight volumes between 2019, 2020 and 2021 in the first week of August. The slides analysed the complaints by date, complainants, area, reasons for complaints and comparison with previous years. No days generated more than 3 complaints and there were less than half the complaints of a pre-covid summer.

Colin also explained, in response to a question, that engine tests took place on the ground usually after maintenance, either of the smaller private aircraft or of the airlines who had technicians based on site.

Andrew Dutton returned to an enquiry at a previous meeting about a reported 'low hum' in Knowsley at a particular time of night. Information had been provided from the fixed noise monitors and there was nothing on the airfield that was likely to be causing it. It was not associated with the rubber clearing off the runway which the airport had received complaints about for 3 nights at the start of October.

Resolved –

That the noise complaints between 1 July 2021 and 30 September 2021 be noted.

25 **AIRSPACE CHANGE**

Andrew Dutton informed the Sub-Committee that the LJLA Airspace Change Proposal (ACP) process remained paused. Nationally, the Airspace Change Organising Group (ACOG) were co-ordinating the projects from different airports into a national master plan. ACOG would be publishing the second iteration of the master plan shortly which is seeking to bring everyone up to stage 2 of CAP1616 together. Liverpool were paused at stage 4 so may be paused for a while longer. ACOG would be contacting MP's and potentially local authorities to make people aware of their airspace master plan.

26 **DATE OF NEXT MEETING**

The next meeting of the Sub-Committee was scheduled for 21 January 2022.

27 **ANY OTHER BUSINESS**

Councillor Malcolm Spargo raised the issue of a telecoms mast to be erected in Hale, apparently on the flightpath. The Parish Council had objected to it and suggested an alternate site.

Colin Barnes explained that the Airport was aware of the application for a 20-metre-tall mast and had placed a holding objection. The proposed mast did not penetrate the Obstacle Limitation Surface (OLS) but the airport would request an assessment of the potential impact on the Instrument Flight Procedure (IFP) and another safeguarding matter. After that study was completed, the Airport would decide whether to formally object.

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Noise Monitoring Sub Committee

22nd October 2021

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Aircraft Movements Comparison

First week of August 2019,
2020 & 2021

2

2019



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2020

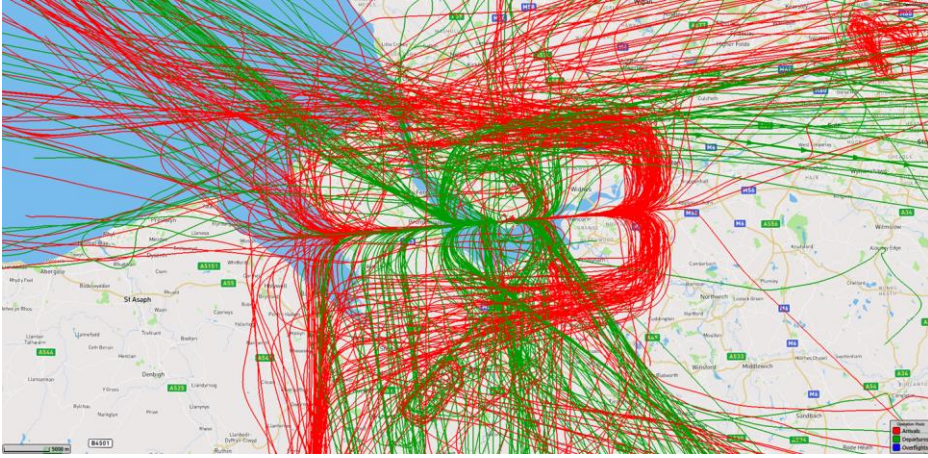


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2021



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6

Rolling 15 months movements October 2018 to December 2019

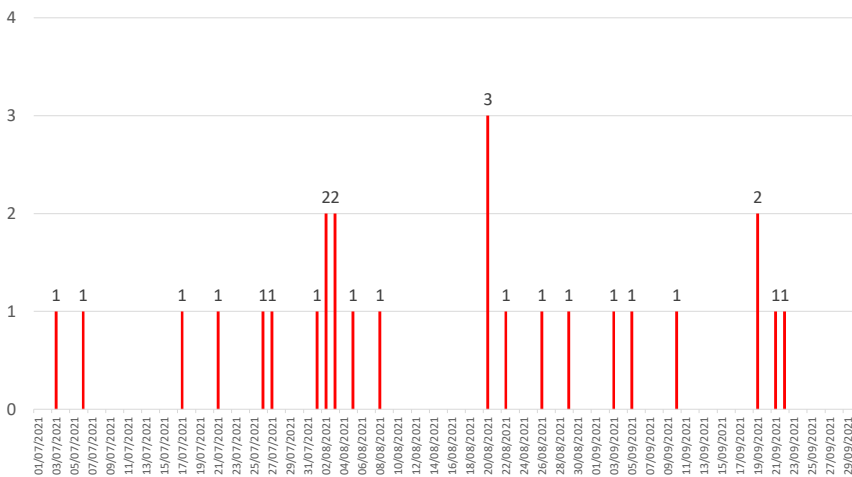
	Club	Commercial	Non Commercial	Other
2021 January	301	502	13	66
February	210	229	15	40
March	389	215	19	34
April	1,702	266	43	81
May	1,825	384	113	85
June	2,245	918	75	150
July	2,082	1,482	134	115
August	2,060	2,085	146	152
September	1,956	1,946	151	141
October	1,302	1,330	77	74
2020 January	1,767	2,323	131	104
February	1,195	2,374	133	74
March	2,054	1,764	129	97
April	257	131	17	57
May	582	125	22	130
June	353	205	51	140
July	1,298	1,012	152	183
August	2,030	1,979	160	107
September	2,755	1,480	106	124
October	1,892	1,171	73	133
November	643	497	54	81
December	1,481	572	30	114
2019 January	1,484	2,579	177	71
February	2,453	2,579	184	66
March	2,221	2,819	108	59
April	2,481	3,023	170	71
May	2,746	3,285	197	114
June	2,093	3,272	197	95
July	2,294	3,386	147	102
August	2,280	3,245	209	121
September	2,079	3,173	195	102
October	2,450	3,265	174	61
November	1,684	2,359	141	79
December	1,591	2,497	167	76

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Noise complaints by day 1st July to 30th September 2021

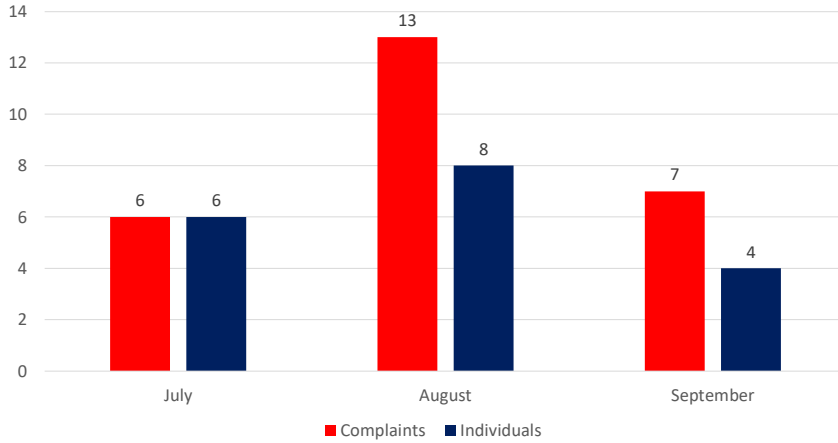


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Complaints and Individuals from July to September 2021

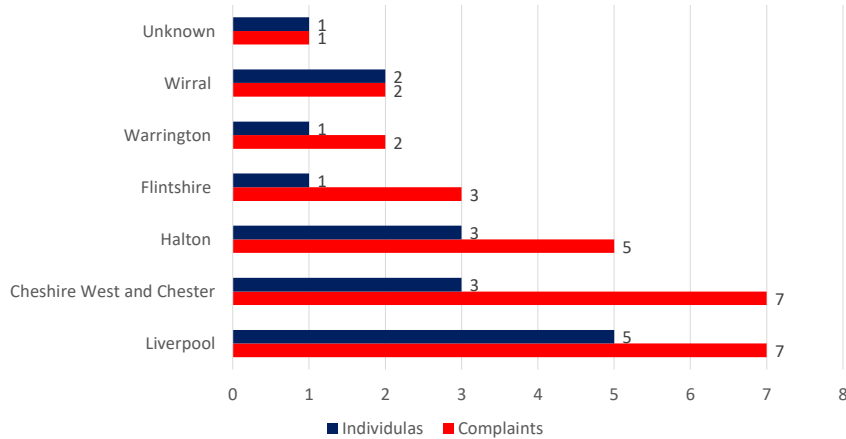


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Number of complaints and individuals from each administrative area from July to September 2021

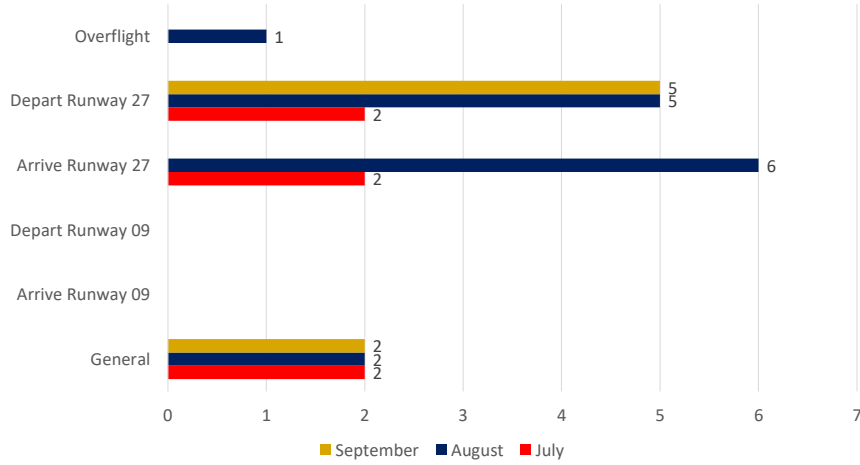


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Operations that caused noise complaints from July to September 2021

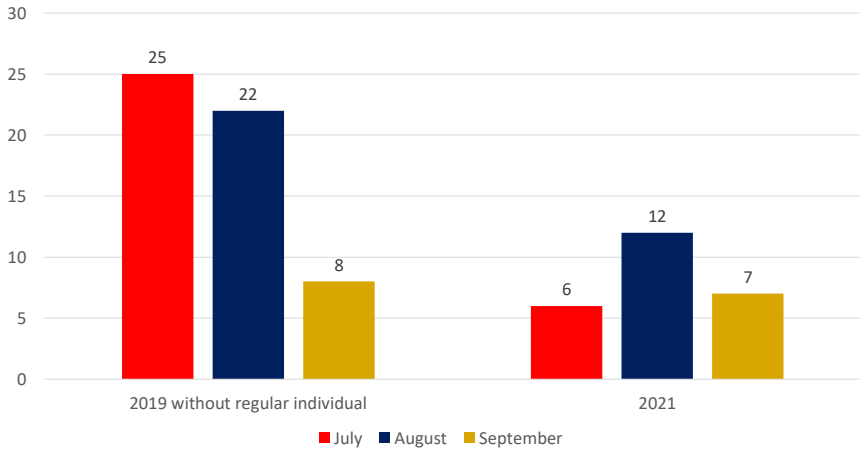


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Complaints comparison for July to September 2019 & 2021

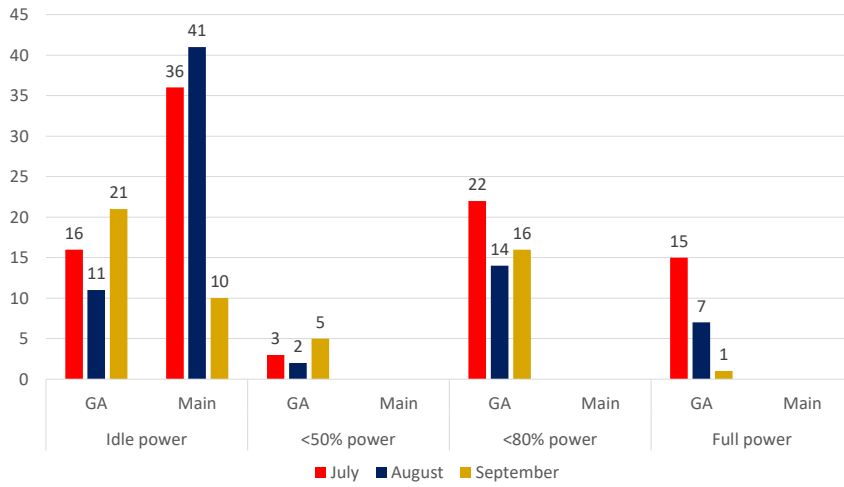


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Engine Test Runs July to September 2021



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NOISE COMPLAINTS LOG
LIVERPOOL AIRPORT NOISE MONITORING SUB-COMMITTEE:
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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Speke, Liverpool	01/10/2021	02:00	There is an extremely loud and continued siren type of noise originating from the Airport area. The Speke community social page had raised concerns about it as well, being heard across nearly the whole of Speke. I went to work without a wink of sleep yesterday due to this noise keeping me up all night and right now the exact same thing is happening. It's 2:08am and I have work tomorrow and here I am writing this noise complaint instead of being asleep. It's EXTREMELY loud and none-stop and unacceptable. I have lived in Speke all my life and don't mind the noise of a daytime and the nights are usually lovely and quiet and now it's actually worse than the daytime! Something must be done.		Rubber Removal	Email sent to explain that the noise was caused by a machine that was removing rubber from the runway at Liverpool Airport. The rubber that builds up from aircraft tyres must be removed periodically so as to maintain the friction of the runway. Unfortunately, the work can only be undertaken outside of normal aircraft operations as it is a lengthy and slow process and can only be undertaken during the night after the last arrival and before operations recommence at approximately 6am.
Speke, Liverpool	01/10/2021	01:00	Humming, going on throughout the night that no matter if windows are shut can still hear it. Not 100% if it is the Airport but don't see what else it could be. Would be good to know if it is or not and why it is happening		Rubber Removal	Email sent to explain that the noise was caused by a machine that was removing rubber from the runway at Liverpool Airport. The rubber that builds up from aircraft tyres must be removed periodically to maintain the friction of the runway. Unfortunately, the work can only be undertaken outside of normal aircraft operations as it is a lengthy and slow process and can only be undertaken during the night after the last arrival and before operations recommence at approximately 6am.
Speke, Liverpool	02/10/2021	02:00	I'd like to complain about the recent noises coming from the Airport at night, over the last week or so I've been awakened by the constant buzzing noise which is affecting my sleep and causing problems through my working day. Could you please explain what is going on and when this noise problem will be addressed?		Rubber Removal	Email sent to explain that the noise was caused by a machine that was removing rubber from the runway at Liverpool Airport. The rubber that builds up from aircraft tyres must be removed periodically to maintain the friction of the runway. Unfortunately, the work can only be undertaken outside of normal aircraft operations as it is a lengthy and slow process and can only be undertaken during the night after the last arrival and before operations recommence at approximately 6am.
Speke, Liverpool	02/10/2021	02:00	People of Speke kept up all night for past few nights because of constant noise from Airport.		Rubber Removal	Telephone call made to explain that the noise was caused by a machine that was removing rubber from the runway at Liverpool Airport. The rubber that builds up from aircraft tyres must be removed periodically to maintain the friction of the runway. Unfortunately, the work can only be undertaken outside of normal aircraft operations as it is a lengthy and slow process and can only be undertaken during the night after the last arrival and before operations recommence at approximately 6am.

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Huyton, Knowsley	02/10/2021	22:05	We have started to get more low flying aircraft over this area again. The planes are usually easyJet and it happens throughout the day. We are nowhere near Speke airport so can't see why they need to be so low			Email sent with details of the Standard Approach Procedure Routes into Liverpool Airport which may pass over Huyton.
Mold, Flintshire	02/10/2021	01:49	Another example, why do they need to do a low turn directly over the town of Mold in the early hours???????	easyJet	Arrival on runway 09	Email sent with the details of the easyJet Airbus A320 Neo with flight number EZY7196 which arrived on runway 27 from Faro. As the aircraft passed over Mold it was at a height of 4893 feet.
Woolton, Liverpool	19/10/2021	08:39	We seem to be getting more aircraft passing over our estate. Have you changed the flight paths, during summer? We never use to get so many aircraft over here. At first, I thought it was because of the prevailing winds during Summer to assist flight: but they have continued to date. Can I ask why have you done this? And do you intend to send more planes this way...instead of sending them across the Mersey, like you use to?			Email sent to explain that there has been no change to the flight procedures for aircraft using Liverpool John Lennon Airport (LJLA). The Airport did start a formal process of an airspace change in February 2018, following the Civil Aviation Authority's (CAA) guidance within CAP 1616. The CAP 1616 Airspace Change Proposal (ACP) guidance follows a 7-stage process LJLA made the decision to pause its ACP process last year, prior to submission for approval for any proposed changes. No changes can be implemented without approval from the CAA as the regulator. Some days Woolton will see more aircraft pass over than other due to daily variations on the pattern's aircraft fly, that are influenced by many variables including operational demands, other aircraft movements and weather conditions, especially wind direction
Crewe, Crewe & Nantwich	19/10/2021	07:41	I was awoke at 07.41 this morning by U12127 easy jet airbus A320 flying over my home, this aircraft was very noisy for this time. Please could you take a look as to why this flight was directly overhead Crewe which is not the norm in my experience, what SID was this aircraft flying this morning, thank you.	easyJet	Departure from runway 09	Email sent with details of the easyJet Airbus A320 with flight number EZY7127 which departed to Malta from runway 09. As the aircraft passed over Crewe it was at a height of 7127 feet. The aircraft departed via the NANTI 2V Standard Departure Route.
Bebington, Wirral	29/10/2021	14:23	There has been a significant increase in very loud aircraft noises, presumably as a result of lower flying. The noise is so loud it can be clearly heard with windows and doors closed.			Email sent to explain that the major airlines operating from Liverpool John Lennon Airport during non Covid19 effected periods operate aircraft fleets that are amongst the youngest in Europe. The Airbus A319/A320/A321 as well as the Neo variants and Boeing 737-800 used by these carriers are the quietest variants available for short/medium haul routes. The airframe and engine manufacturers are continually evolving the design of aircraft to reduce noise and fuel consumption.

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Frodsham, Cheshire West & Chester	03/12/2021	11:30	I'm hoping you can help - we have just experienced a very low flying helicopter over my livestock fields -sheep and cows- for quite a while - it didn't look like the police are you able to provide details of the owner at all?	National Grid		Telephone call to inform the farmer the helicopter was working on behalf of National Grid checking power lines after storm Arwen.
Crewe, Crewe & Nantwich	07/12/2021	10:50	Very noisy aircraft this morning passed overhead at 10.50 hrs 737 83N Enter Air E4505 Liverpool to Milan this is not the norm for aircraft departing Liverpool but this is the second flight I have noted within about the last two months to be very noisy overhead northwest Crewe has something changed?	Enter Air	Departure from runway 09	Email sent with details of the Enter Air Boeing 737-800 with flight number ENT505 which departed to Bergamo from runway 09. As the aircraft passed over Crewe it was at an altitude of 11'403 feet. Please find attached a map showing the track of the aircraft over Crewe on the next page. The Enter Air aircraft departed via the NANTI 2V Standard Instrument Departures Route (SID).
Kingswood, Warrington	16/12/21		Local MP has been contacted by her constituent, regarding flights to and from the airport disturbing them. I understand the Airport has been in contact with the constituent, and they recommended sound monitoring to be installed at his home to observe noise from flights. I would be grateful if we can commence the process of installing the sound monitoring equipment at their home.			Telephone call made to MP to discuss the best way forward.
Calderstones, Liverpool	18/12/21	07:00	Low flying aircraft noise.	easyJet	Departure from runway 09	Email sent with details of the easyJet Airbus A320 with flight number EZY601 which departed to Belfast from runway 09. As the aircraft passed over Calderstones it was at an altitude of 3124 feet.

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