Community Noise Forum
Monday, September 24, 2018
Agenda

I. Call to order: 6:00 PM

II. Minutes: July 30, 2018

III. Part 150 NCP
   A. Working Group Report
   B. Noise Insulation Program
   C. Contraflow Exceptions

IV. Current Noise Concerns
   A. Noise Concerns/Complaints
   B. Runway Utilization
   C. Construction and Maintenance Activity

V. Announcements

VI. Guest Comments

VII. Next Meeting: November 26, 2018

IX. Adjournment
COMMUNITY NOISE FORUM (CNF)
Monday, July 30, 2018

Members
John Sistarenik, ANA Verná Goately, Metro
Tom Foote, Airline Affairs John Greathouse, Southwest (Alt)
Mary Rose Evans, LRAA Board Denny Thompson, Southeast
Brian Sinnwell, LRAA Mike Zanone, Northwest
Bob Slattery, LRAA

Guests
Bill Graham, Fairdale Jonathan Bond, UPS
Don & Pat Slocum, Preston Park Kathleen Krill, Preston Park
Joe & Billye Potts, Clarks Lane
Nicole George, Southern Parkway

The meeting was called to order at 6:00 p.m. by John Sistarenik. The May minutes were approved as written.

Part 150 NCP:

A. Working Group Report: John Sistarenik reported that Working Group has been looking at the possibility of narrowing some of the takeoff paths to help decrease some of the noise and aircraft flyovers in the area of the Jefferson Memorial Forrest. John thanked Jonathan Bond of UPS for his assistance in this process. Mary Rose, John and Bob met to review progress to date. They felt that it would be useful to have an additional meeting of the Working Group in order to work out additional details and prepare for any possible action that the group might want to take at the September Meeting. Tuesday, August 7 at 10:00 a.m. was the date and time set for the next working group meeting.

B. Noise Insulation Program: Residential – The program consultants (C&S Engineers) have been working on development of a potential program boundary as well as program policies and procedures. These items will need to be reviewed by the Airport Authority and FAA. UofL - Only one party submitted comments in response to the invitations to consult that were sent by the FAA and it was the University. The FAA will be contacting UofL in order to discuss their comments received during the Section 106 consultation period. Currently, it appears right now that no additional consultation will be required.

C. Contraflow Exceptions: Contraflow for May was 43% for arrivals from the south and 89% for departures to the south. In June, arrivals from south were 74% and departures to the south were 91%. A daily summary for May and June is contained in the handout. The 2 year average (July 2016-June 2018) for contraflow is 72% for arrivals and 77% for departures. A monthly summary going back 8 years is also included in the handout.
Current Noise Concerns:

A. **Report on Noise Concerns/Complaints:** A total of 14 comments were received in May. In June, a total of 9 comments were received. In June all comments were from areas north of the airport. Comments and locations are contained in the handout.

B. **Runway Utilization:** Runway utilization percentages for May and June are contained in the handout. Daily runway utilization and comments from the Air Traffic Control Tower are also included in the handout. Bob pointed out that year to date arrivals on runway 17R (west runway) are averaging approximately 4% above projections for the Noise Exposure Map Update. This is most likely related to the low number of contraflow arrivals from the south in the month of May. Mike Zanone asked if the notes about photo missions and aerial survey work in the May runway use comments were related to military or civilian contractor. Bob explained that it was his understanding these operations were related to work being performed by a department in Metro Government.

C. **Construction and Maintenance Activity:** Brian Sinnwell reported that the airport doubled up on runway work earlier in the spring and summer this year and has completed replacement of over 100 slabs. This work is complete for the remainder of the year. The airfield apron project is still ongoing but it does not impact aircraft operations. The airfield lighting project has also been completed for the year. Remaining work for the year will be apron work around the terminal area and should not impact airfield operations. No additional projects are scheduled for the remainder of the year except for routine maintenance work during the typical runway closure periods. On Mondays the west runway is closed and on Tuesdays the east is closed for routine maintenance.

**Announcements:** None.

**Guest Comments:** Mr. Joe Potts asked if we were planning to expand the boundaries of the sound insulation program. Bob explained that the planned additional work is related to additional homes located within the DNL 65 contour on the updated Noise Exposure Maps. John explained that the CNF has been working on a tax credit legislation that would give residents within the DNL 60-65 contour a 100% tax credit on sound insulation work that they completed. John also stated that although this effort has been unsuccessful to this point, they will continue trying. Kathleen Krill of Preston Park asked if the handful of homes south of the airport located within the DNL 65 contour would be included in the sound insulation program. Bob explained that currently the Noise Compatibility Program (NCP) calls for sound insulation of homes north of the airport and relocation for homes south of the airport. The plan is to amend the current NCP to remove the word “north” from the sound insulation measure. This would allow for the sound insulation of homes in all areas around the airport. Mike Zanone stated that he has noticed in increase in fighter jet type aircraft activity in the area and wanted to know if anyone was aware of a possible mission changed related to Air National Guard (ANG).
Bob said that he was not aware of a mission change for the ANG. However, these types of operations could be related to activity at Fort Knox.

**Next Meeting:** Monday, September 24, 2018 at 6 p.m.

**Adjournment:** A motion was made to adjourn the meeting at 6:30 p.m.
Monthly Contraflow
July 2-31, 2018

Arrivals From South

- 2016 NEM 70%
- This Month 90%
- 2021 NEM 71%

EIS Goal, 68%

Departures to South

- 2016 NEM 81%
- This Month 77%
- 2021 NEM 80%

EIS Goal, 86%
### Daily Runway Use Summary – July 2018
(from 10:00 PM date list in first column to 7:00 AM the following morning)

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>% of all arrivals from the south</th>
<th>Runway #</th>
<th>Unknown Runway Notes</th>
<th>% of all departures to the south</th>
<th>Runway #</th>
<th>Unknown Runway Notes</th>
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<td>62 36 0</td>
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</table>

**Preferred Flow**

**DATIS Reported Conditions Indicate Support for Non-Preferred Flow**

**DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow**
Monthly Contraflow
August 1-31, 2018

Arrivals From South

- 2016 NEM: 70%
- This Month: 72%
- 2021 NEM: 71%

- EIS Goal: 68%

Departures to South

- 2016 NEM: 81%
- This Month: 88%
- 2021 NEM: 80%

- EIS Goal: 86%
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<th>Day</th>
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</table>
Contraflow This Year
As of August 31, 2018

Arrivals From South

- 2016 NEM: 70%
- This Year: 70%
- 2021 NEM: 71%

Departures to South

- EIS Goal: 86%
- 2016 NEM: 81%
- This Year: 78%
- 2021 NEM: 80%
Contraflow 2 Year Average
September 2016 - August 2018

Arrivals From South

2016 NEM: 70%
2 Year Avg.: 73%
2021 NEM: 71%

EIS Goal: 68%

Departures to South

2016 NEM: 81%
2 Year Avg.: 76%
2021 NEM: 80%

EIS Goal: 86%
## Year-to-Year by Month Percent* Contraflow

<table>
<thead>
<tr>
<th></th>
<th>Arrivals From the South (Goal 68%)</th>
<th>Departures to the South (Goal 86%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>91% 62% 72% 51% 76% 69% 65% 60% 68%</td>
<td>Jan 71% 80% 65% 81% 76% 69% 61% 72% 72%</td>
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<tr>
<td>Feb</td>
<td>73% 69% 77% 72% 66% 80% 58% 67% 70%</td>
<td>Feb 63% 74% 78% 71% 76% 67% 77% 70% 72%</td>
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<tr>
<td>Mar</td>
<td>52% 61% 87% 60% 71% 63% 79% 84% 70%</td>
<td>Mar 72% 96% 77% 77% 66% 77% 62% 61% 74%</td>
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<tr>
<td>Apr</td>
<td>47% 78% 60% 67% 53% 86% 56% 73% 65%</td>
<td>Apr 83% 76% 89% 83% 77% 73% 80% 72% 79%</td>
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<td>May</td>
<td>69% 72% 46% 60% 75% 62% 75% 43% 63%</td>
<td>May 85% 81% 85% 92% 80% 80% 80% 80% 89% 84%</td>
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<tr>
<td>Jun</td>
<td>61% 79% 76% 75% 57% 79% 74% 74% 72%</td>
<td>Jun 93% 87% 80% 91% 91% 83% 93% 91% 89%</td>
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<td>Jul</td>
<td>91% 62% 74% 79% 74% 59% 85% 90% 77%</td>
<td>Jul 88% 92% 88% 85% 80% 91% 85% 77% 86%</td>
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<td>Aug 91% 91% 92% 92% 91% 90% 90% 88% 91%</td>
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<td>Sep 64% 92% 87% 86% 73% 93% 31% 75%</td>
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<td>Oct</td>
<td>88% 62% 87% 75% 86% 81% 81% 80%</td>
<td>Oct 63% 78% 89% 79% 74% 81% 82% 78%</td>
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<td>Nov</td>
<td>55% 84% 73% 78% 59% 74% 69% 72%</td>
<td>Nov 72% 81% 83% 62% 88% 77% 75% 77%</td>
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<td>Dec</td>
<td>70% 64% 58% 78% 55% 75% 74% 68%</td>
<td>Dec 65% 67% 71% 68% 79% 62% 74% 71%</td>
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<td>Avg</td>
<td>72% 66% 73% 70% 71% 74% 73% 70%</td>
<td>Avg 76% 83% 82% 81% 79% 79% 74% 78%</td>
</tr>
</tbody>
</table>

*Number is percentage of all operations between 10:00 PM - 7:00 AM*
### Comments (SDF/LOU)
#### July 2018

<table>
<thead>
<tr>
<th>Street</th>
<th>Zip Code</th>
<th>Street Code</th>
<th>Time Received</th>
<th>Time</th>
<th>Airport</th>
<th>Disturbance Type</th>
<th>Status</th>
<th>Operation or Comment Type¹</th>
<th>Deviation Type²</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evergreen Cir</td>
<td>47130</td>
<td>SI</td>
<td>2018-07-05</td>
<td>09:12:00</td>
<td>SDF</td>
<td>Aircraft Too Low</td>
<td>Investigated</td>
<td>Standard</td>
<td>None</td>
<td>I am a resident of Jeffersonville Indiana across the bridge. I did notice that there has been an increase in air traffic quite a bit where it is disturbing. I work from home and we live in a residential area. Because of the traffic pattern changes we are grossly affected over here on the other side of the river. I wanted to talk with someone about this because in the fifteen years that we have lived here we have never had airplanes fly so low and close to our home. It is quite a nuisance. I would like to talk to someone and find out who I can file a formal complaint with. Do I do that through you all or do I go through the City of Jeffersonville?</td>
</tr>
<tr>
<td>S. 2nd ST</td>
<td>40214</td>
<td>(60-65)</td>
<td>2018-07-11</td>
<td>16:38:00</td>
<td>SDF</td>
<td>Over Use of Runway</td>
<td>Investigated</td>
<td>Non-Standard</td>
<td>Weather</td>
<td>It is about twenty minutes until five in the afternoon and UPS planes are dead set on going over my house. I am not happy about it as you always know. Give me a call so I can find out what miraculous excuse you have this time.</td>
</tr>
<tr>
<td>E Southside Ct</td>
<td>40214</td>
<td>(60-65)</td>
<td>2018-07-12</td>
<td>16:00:00</td>
<td>SDF</td>
<td>Other</td>
<td>Investigated</td>
<td>Standard</td>
<td>None</td>
<td>I am trying to find out where the airplanes land at the airport and if they would be an issue for this property.</td>
</tr>
<tr>
<td>Fenley Ave</td>
<td>40207</td>
<td>NE</td>
<td>2018-07-17</td>
<td>10:28:00</td>
<td>LOU</td>
<td>Too Much Noise</td>
<td>Investigated</td>
<td>Standard</td>
<td>None</td>
<td>I am calling in regards to aircraft coming out of Bowman Field and flying low with a lot of noise. This occurs constantly at all times of the day. I called Bowman Field and spoke with a person named Mike and he said this was probably a school or students. This has probably gone on for three or four months and I am at my wits end with it. If it is a school they are flying way too low and waking me up.</td>
</tr>
</tbody>
</table>

1. **Standard**: Indicates the “Most Preferred” runway configuration was being utilized at the time of the comment.  
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2. This column is used to indicate the conditions which most likely necessitated a deviation from the standard procedures.
I am with a company called Dominion Due Diligence Group that has been contracted to perform a Phase I Environmental Site Assessment at a site located near the airport. The client is seeking funding from a government agency, and in doing so requires me to assess the noise levels at all airports within 15 miles of the subject property. I was wondering if you could provide me with any noise contour maps/DNLs for Bowman Field. Any sort of information regarding noise levels at the airports would be greatly appreciated.

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<thead>
<tr>
<th>Street</th>
<th>Zip Code</th>
<th>CNF Quad / 2021 DNL</th>
<th>Time Received</th>
<th>Time</th>
<th>Airport</th>
<th>Disturbance Type</th>
<th>Status</th>
<th>Operation or Comment Type¹</th>
<th>Deviation Type²</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budd Rd</td>
<td>47150</td>
<td>SI (&lt;60)</td>
<td>2018-07-22 17:35:00</td>
<td>2018-07-22 07:00:00</td>
<td>SDF</td>
<td>Constant Noise</td>
<td>Investigated</td>
<td>Non-Standard Weather</td>
<td></td>
<td>My name is Phil from southern Indiana (New Albany). We have talked before on the phone about aircraft noise and low flying aircraft. I sent a complaint about a month ago about low flying aircraft. I sent the date and time of this aircraft flier. There has been a few more since then. There are also takeoffs over my house during New Albany's quite hours (every 30 to 45 seconds) for hours. Most of the flights are to go to the south from what I was told and according to your website. That has not happened; about 70% to 80% have come over or near my house on Budd Road over the last few months. I've tracked the wind and weather conditions at the airport and no matter what the wind or weather is they have been flying over this area. I also come home at 4:00 p.m. and they are flying over during dinner so loud I can't even talk without raising my voice. I can't hear the television unless I turn it up to drown out the roar of the UPS flights. If that isn't enough I've worn Ear plugs at night just to drown out some of the sound. Now my ears have a permanent numbness and ring from sleeping with them stuffed as hard as I can into my ears. I have lost a lot of sleep and it has caused some errors at my workplace. The difference between the place I work and yours is this place does care about the community. We do not ignore complaints as you have. I received an e-mail from our safety department asking us to report any of our plant odors that make it to my area. I'm only about 50 yards from our plant, the building...truncated for space.</td>
</tr>
</tbody>
</table>

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<th>Status</th>
<th>Operation or Comment Type¹</th>
<th>Deviation Type²</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milton St</td>
<td>40217</td>
<td>NE (&lt;60)</td>
<td>2018-07-24 17:41:00/2018-07-24 17:41:00</td>
<td>SDF</td>
<td>Other</td>
<td>Investigated</td>
<td>Non-Standard</td>
<td>Weather</td>
<td>I live in the Schnitzelburg neighborhood. Planes fly over our house and behind it all day and night. Someone the other day told me about the airport paying for windows. Our home has the original windows from when the house was built. I’m not for sure if you are the correct person to contact or not, but if you could point me in the right direction I would greatly appreciate it.</td>
</tr>
<tr>
<td>Julia Ave</td>
<td>40204</td>
<td>NE (&lt;60)</td>
<td>2018-07-25 22:02:00/2018-07-25 22:02:00</td>
<td>SDF</td>
<td>Aircraft Off Course</td>
<td>Investigated</td>
<td>Non-Standard</td>
<td>Weather</td>
<td>I live on Julia Ave and airplane noises have increased significantly over the past couple weeks and more in the last several days. This seems to arise from changed flight paths - airplanes banking earlier rather than flying straight out after takeoff, and yesterday and today planes flew almost directly over the house. Are these changes temporary? If so, how long are they likely to last? Due to a traumatic brain injury I am especially vulnerable to noise from aircraft engines. Current info re: flight times/paths will help me manage symptoms and plan around the loudest, most difficult times of day.</td>
</tr>
<tr>
<td>Lydia St</td>
<td>40217</td>
<td>NE (&lt;60)</td>
<td>2018-07-27 11:11:00/2018-07-27 10:02:00</td>
<td>SDF</td>
<td>Aircraft Off Course</td>
<td>Investigated</td>
<td>Non-Standard</td>
<td>Weather</td>
<td>Thanks for flying planes over my house all day yesterday and all night last night. You say &quot;the planes may drift off course.&quot; They definitely bank out of the airport making a hard right.</td>
</tr>
<tr>
<td>Parkway DR</td>
<td>40217</td>
<td>NE (60-65)</td>
<td>2018-07-31 16:06:00/2018-07-31 16:06:00</td>
<td>SDF</td>
<td>Over Use of Runway</td>
<td>Investigated</td>
<td>Standard</td>
<td>None</td>
<td>Do you think those planes can take off a different way rather than north? It is very annoying. No peace and quiet any more.</td>
</tr>
</tbody>
</table>

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## Comments (SDF/LOU)
### July 2018

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<tr>
<th>Street</th>
<th>Zip Code</th>
<th>CNF Quad / 2021 DNL</th>
<th>Time Received</th>
<th>Time</th>
<th>Airport</th>
<th>Disturbance Type</th>
<th>Status</th>
<th>Operation or Comment Type¹</th>
<th>Deviation Type²</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halstead Ave</td>
<td>40213</td>
<td>SE (60-65)</td>
<td>2018-07-31 16:30:00</td>
<td>2018-07-31 16:30:00</td>
<td>SDF</td>
<td>Other</td>
<td>Investigated</td>
<td>Standard</td>
<td>None</td>
<td>I live in Preston Park over off of Preston. You all bought the back end of our neighborhood out (Edgewood). I was checking to see if there was any news about a possible upcoming buy out for the rest of us.</td>
</tr>
</tbody>
</table>

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Comment Location (SDF/LOU)
July 2018
Comment Type (SDF and LOU)
July 2018

- Aircraft Off Course
- Aircraft Too Low
- Constant Noise
- Noise At Wrong Time
- Other
- Over Use of Runway
- Run-ups
- Too Much Noise
- Vibrations
New Address/Comments per Month (SDF and LOU)

July 2018
NOISE COMMENT REPORT

August 2018
# Comments (SDF/LOU)

## August 2018

<table>
<thead>
<tr>
<th>Street</th>
<th>Zip Code</th>
<th>CNF Quad / 2021 DNL</th>
<th>Time Received</th>
<th>Time</th>
<th>Airport</th>
<th>Disturbance Type</th>
<th>Status</th>
<th>Operation or Comment Type¹</th>
<th>Deviation Type²</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>S. 2nd ST</td>
<td>40214</td>
<td>SW (60-65)</td>
<td>2018-08-12 16:43:00</td>
<td>2018-08-12 16:43:00</td>
<td>SDF</td>
<td>Noise At Wrong Time</td>
<td>Investigated</td>
<td>Non-Standard</td>
<td>Weather</td>
<td>Hey Bob it is Doris give me a call. It is 4:40 p.m. and UPS is taking advantage of us. There is no wind, we have checked. There is nothing to cause them to be going over our house today.</td>
</tr>
<tr>
<td>Norton Ave</td>
<td>40213</td>
<td>SE (60-65)</td>
<td>2018-08-21 14:50:00</td>
<td>2018-08-21 14:50:00</td>
<td>SDF</td>
<td>Constant Noise</td>
<td>Investigated</td>
<td>Standard</td>
<td>None</td>
<td>I have lived here for approximately 18 years. The noise from the airport seems to be getting worse. It vibrates my fixtures on the walls and is keeping me up at night.</td>
</tr>
<tr>
<td>Milton St</td>
<td>40217</td>
<td>NE (&lt;60)</td>
<td>2018-08-22 05:42:00</td>
<td>2018-08-22 05:42:00</td>
<td>SDF</td>
<td>Too Much Noise</td>
<td>Investigated</td>
<td>Non-Standard</td>
<td>None</td>
<td>I live in the Schnitzelburg/Germantown area. It seems as if the airplane noise has been getting louder. I was wondering if the planes are flying lower sometimes or if the flight pattern has changed and the planes are now taking off over my neighborhood. I was also wondering if this is temporary or weather related. And, if there is anywhere that I can find this information without bothering anyone in the future, please let me know.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Street</th>
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<th>CNF Quad/2021 DNL</th>
<th>Time Received</th>
<th>Time</th>
<th>Airport</th>
<th>Disturbance Type</th>
<th>Status</th>
<th>Operation or Comment Type¹</th>
<th>Deviation Type²</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Julia Ave</td>
<td>40204</td>
<td>NE (&lt;60)</td>
<td>2018-08-22 16:35:00</td>
<td>2018-08-22 16:35:00</td>
<td>SDF</td>
<td>Vibrations</td>
<td>Investigated</td>
<td>Non-Standard</td>
<td>Weather</td>
<td>Airplane noise from takeoffs began earlier than usual today and has been much louder throughout the day. Planes appear to be flying lower and banking closer. This is very disruptive and caused me to have to leave my home for the day. I have only just returned and in the last 15 minutes multiple aircraft have departed at a louder noise level than usual. This situation is not unique to today. As mentioned below, I am especially vulnerable to airplane noise due to a traumatic brain injury. We have invested in custom window inserts to try to muffle the noise, but, as you know, low frequency aircraft engine noise is one of the most difficult to filter. With the help of a doctor I have tried several ways to try to minimize the impact of the noise on my health to no avail. The constant changes are making this very difficult. Can you please help me by directing me to a place where I can see the upcoming changes to flight paths so that I might try to plan accordingly? Flight Radar is helpful but real time only. This is a significant issue for me and for others. If there is no specific way to plan around changes to the flight path, is there a fund or program that will help us to make additional adjustments to our home? I appreciate anything you can do.</td>
</tr>
<tr>
<td>S Steedland Dr</td>
<td>40229</td>
<td>SE (&lt;60)</td>
<td>2018-08-28 15:50:00</td>
<td>2018-08-27 22:00:00</td>
<td>SDF</td>
<td>Too Much Noise</td>
<td>Investigated</td>
<td>Standard</td>
<td>Weather</td>
<td>The planes were really bad last night from 10:00 p.m. to 7:00 a.m. There was one about every 2 minutes. This is affecting our health. This happens quite a bit, but last night was really horrendous.</td>
</tr>
</tbody>
</table>

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## Comments (SDF/LOU)
### August 2018

<table>
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<th>CNF Quad / 2021 DNL</th>
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<th>Operation or Comment Type¹</th>
<th>Deviation Type²</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greenleaf Rd</td>
<td>40213</td>
<td>NE (&lt;60)</td>
<td>2018-08-28</td>
<td>16:00:00</td>
<td>SDF</td>
<td>Other</td>
<td>Investigated</td>
<td>Standard</td>
<td>None</td>
<td>I recently bought a house on Greenleaf Road and the neighbors have told me there is program for new windows from the airport. Is this the right place to talk with?</td>
</tr>
<tr>
<td>S 5th St</td>
<td>40214</td>
<td>NW (&lt;60)</td>
<td>2018-08-31</td>
<td>17:15:00</td>
<td>SDF</td>
<td>Aircraft Off Course</td>
<td>Investigated</td>
<td>Non-Standard</td>
<td>Weather</td>
<td>I just had 2 planes fly directly over my house. I am not supposed to be in any flight path at all. If this continues then I expect the airport to insulate my house so I don’t have all the noise.</td>
</tr>
</tbody>
</table>

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Comment Location (SDF/LOU)
August 2018
### Daily Runway Use Uncorrected (SDF) July 2018

**North Flow**

<table>
<thead>
<tr>
<th>Time</th>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
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**South Flow**

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- **Preferred Flow**
- **DATIS Reported Conditions Indicate Support for Non-Preferred Flow**
- **DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow**
- South Flow is Preferred Flow from 09:30 Saturday - 09:30 Monday

Source: Louisville International Airport

Aircraft Flight Tracking and Noise Management System (AFTNMS)
## Daily Runway Use (SDF)

### Tower Comments July 2018

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<td>REMAINING SOUTH FLOW FOR WIND 15007 AND POTENTIALLY WET SURFACES FROM PASSING SHOWERS. --</td>
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<td>NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, FOR CONVECTIVE WX. WIND 260@08</td>
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<td>REMAINING NORTH DUE TO CONVECTIVE ACTIVITY APPROACHING THE FINALS FOR RWY 17R FROM THE SW. WIND 21008</td>
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### Daily Runway Use Uncorrected (SDF) August 2018

#### Flow Time

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|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| North Flow |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| South Flow |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

### Preferred Flow

- DATIS Reported Conditions Indicate Support for Non-Preferred Flow
- DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow

- South Flow is Preferred Flow from 09:30 Saturday - 09:30 Monday

- X Complaint

Source: Louisville International Airport

Aircraft Flight Tracking and Noise Management System (AFTNMS)
# Daily Runway Use (SDF)

Tower Comments August 2018

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<td>SOUTH FLOW DUE TO WIND SHIFT, ILS RWY17L/17R, DPTG RWY 17L/17R, WIND 12009</td>
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<td>0730-0900</td>
<td>NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND CALM. FLOW CHANGED EARLY DUE TO POSSIBLE CAT II/III OPERATIONS. VISIBILITY EXPECTED TO DECREASE.</td>
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<td>DUE TO APPROACHING CONVECTIVE ACTIVITY AND FORECAST WIND FROM THE SOUTH, SDF WILL REMAIN IN A SOUTH CONFIGURATION.</td>
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<td>RWY 17L/35R UNAVAILABLE DISABLED AIRCRAFT ON THE RWY - missed the RWY change due to Aircraft emergency</td>
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<td>0930-1230</td>
<td>REMAINING SOUTH DUE CRACK REPAIR ON HIGH SPEED TWY’S NORMALLY USED DURING NORTH OPERATIONS AND CONVECTIVE ACTIVITY SOUTH OF SDF. WIND 22007</td>
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<td>16-Aug-18</td>
<td>0300-0700</td>
<td>NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 1704, WX NORTH OF THE FIELD</td>
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<td>17-Aug-18</td>
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<tr>
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<td>18-Aug-18</td>
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<td></td>
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<tr>
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<td>0000-0030</td>
<td>STAYING NORTH DUE TO WX NORTH OF THE FIELD.</td>
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<td>REMAINING SOUTH WIND 22008. WIND IS FORECAST TO BE 25012G19 BY 1500Z</td>
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<td>Late turning the RWYs around</td>
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<td>STAYING SOUTH FLOW RWY 17L DUE TO WINDS. WIND 21009KT</td>
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<td>2200-0000</td>
<td>17L/17R WIND 1906, winds at 2,000 ft. 21035</td>
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<td>30-Aug-18</td>
<td>0800-0900</td>
<td>NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 21004. EARLY CHANGE TO ACCOMIDATE FLIGHT CHECK</td>
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<td>1300-1330</td>
<td>NORTH FLOW WIND 3510</td>
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<td>0930-1230</td>
<td>REMAINING SOUTH DUE TO TWY CLOSURES AT THE APPROACH END OF RWY 35R</td>
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Runway Use (SDF Arrivals)

NEM vs. Actual
January 1 - August 31, 2018

Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)
Runway Use (SDF Departures)

NEM vs. Actual
January 1 - August 31, 2018

Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)
Runway Use 0930L-1230L (SDF)
As of August 31, 2018

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<th>Arrival Percentage by Runway</th>
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<td>Monthly Avg.</td>
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Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)
# Gate Compliance by Runway

As of August 31, 2018

<table>
<thead>
<tr>
<th>Month</th>
<th>17L</th>
<th>17R</th>
<th>35L</th>
<th>35R</th>
<th>ARR AVG</th>
<th>17L</th>
<th>17R</th>
<th>35L</th>
<th>35R</th>
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</tbody>
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| 24 Month Avg. | 90% | 81% |

Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)
Operations (SDF)
As of August 31, 2018

Operations by Aircraft Category (SDF)

As of August 31, 2018

Sample Aircraft Types (SDF)

- A300: Air Carrier Cargo
- B737: Air Carrier Pax
- B767: Air Carrier Cargo
- E135/45: Air Taxi Pax
- B757: Air Carrier Cargo
- MD11: Air Carrier Cargo
- CRJ2: Air Taxi Pax
- E170: Air Carrier Pax
- MD80: Air Carrier Pax
- CRJ9: Air Carrier Pax