

COMMUNITY NOISE FORUM (CNF)

Monday, July 26, 2021

Members

Brian Sinnwell, LRAA
Mary Rose Evans, LRAA Board
Bob Slattery, LRAA
Greg Petto, FAA

Nancy Bowman Denton, Southwest
Jonathan Bonds, UPS
John Sistarenik, ANA

Guests

Adam Thomas, Audubon Park
Edward Mansfield, Merriwether
Bill Reese, UPS

Don & Pat Slocum, Preston Park
Tom Ryan, Audubon Park

- I. **Call to order:** The meeting was called to order as a committee of the whole at 6:00 p.m. by John Sistarenik.
- II. **Minutes:** The March and May meeting notes were reviewed with no changes and will be presented for approval at the September meeting.
- III. **HMMH Presentation:** Gene Reindel with the consulting firm HMMH gave a presentation on Active Noise Control for Airports. The Louisville Regional Airport Authority (LRAA) has submitted a pre-application for the Federal Aviation Administration's (FAA) Airport Environmental Mitigation Pilot Program. This program provides grants to sponsors of public-use airports for environmental mitigation projects that will measurably reduce or mitigate aviation impacts on noise, air quality, or water quality at an airport or within five miles of an airport. The proposed project includes the design, installation, optimization, and maintenance of an active noise control system to help reduce noise in the adjacent communities exposed to aircraft noise from the start-of-takeoff roll on departure at Louisville Muhammad Ali International Airport (SDF). Mary Rose made a motion that the Community Noise Forum expresses support for the Regional Airport Authorities pilot project on Active Noise Control. The motion was seconded by Nancy Bowman Denton and approved by the CNF.
- IV. **Airspace Project Update:** Jonathan Bond updated the group on the current status of the airspace project. UPS had a video conference with the Operational Support Manager for Central Service Area regarding the project timeline. It appears that the kickoff will be in the mid to late September timeframe. Jonathan announced that he is currently planning to retire at the end of this year. He introduced Mr. Bill Reese who will be replacing him on the airspace project and the CNF.
- V. **Part 150 NCP:**
 - A. **Noise Insulation Program: Residential** – This project is to sound insulate residences within the DNL 65 contour according to the 2021 Noise Exposure

Map. Lappe Cement Finishing, Inc. of Friedham, MO began physical construction for the first group of 32 families on April 26. Construction is now complete for this first group of 32 families. S&L Specialty Contracting, Inc. of Syracuse, NY completed measurement walkthroughs for the second group of 40 families in April. It is anticipated that construction will begin in the August timeframe. S&L was awarded a contract for the third group of 35 additional families at the June Board meeting. Measurement walkthroughs are expected to begin in August. Designs for a 4th group of approximately 20 families are in-work and should be going out for bid in September. Notifications were mailed to homeowners in Group 4 on July 2nd. A homeowner workshop anticipated in late August or Early September. Acoustical testing planned for September. University of Louisville – Construction is complete for all eligible buildings on campus. Life Science, Paul B. Lutz Hall and Overseers Honors House (first group). Ernst Hall Interfaith Center, and Baptist Student Union (second group).

- B. Contraflow Exceptions:** Contraflow for May was 71% for arrivals from the south and 63% for departures to the south. In June arrivals from the south were 65% and departures to the south were 84%. Daily summaries for each month are contained in the handout. For calendar year 2021 arrivals from the south are at 68% and departures to the south are 69%. A monthly summary going back 8 years is included in the handout. Mr. Tom Ryan commented that departures to the north are really disturbing and wanted to know if there was any way to increase the percentage of departures to the south? It seems like they go north just for convenience many times. John Sistarenik explained that it is not an arbitrary decision made by tower. The need to deviate for the contraflow procedures are based on many factors but is primarily based on weather conditions.

VI. Current Noise Concerns:

- A. Report on Noise Concerns/Complaints:** A total of 12 comments were received in May. In June 13 comments were received. Comments and locations are contained in the handout. Mr. Ryan asked if all the complaints were investigated and Bob Slattery said that all complaints were investigated and explained the process for investigating complaints.
- 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. Mary Rose asked about the number of operations on Saturday between 9:00 a.m. & 2:00 p.m. Bob presented operations for May and June, 2021. Mary Rose commented that May and June appear to be atypical months and that it would be beneficial to look at the same operations for a more typical month such as July and August. Bob suggested that it may be helpful to have a working group meeting in order to review the runway use numbers in greater detail. John Sistarnick agreed that a working group meeting should be held to review the arrival and departure numbers for 9:00 a.m. & 2:00 p.m. on weekends.

- C. Construction and Maintenance Activity:** Brian Sinnwell reported that in addition to the typical runway closures on Monday and Tuesday there are two projects that will require closures on weekends between now and approximately the first of November. The work will begin on the east side then move to the west side. After the first of the year there will be two electrical projects that will require runway closures on the east side. The Airport Layout Plan (ALP) portion of the Master Plan was submitted to the FAA. There is still time for people to review and make comments if they would like. Brian is looking at having the project consultant at the September CNF meeting to review the ALP, discuss the Master Plan and answer questions.

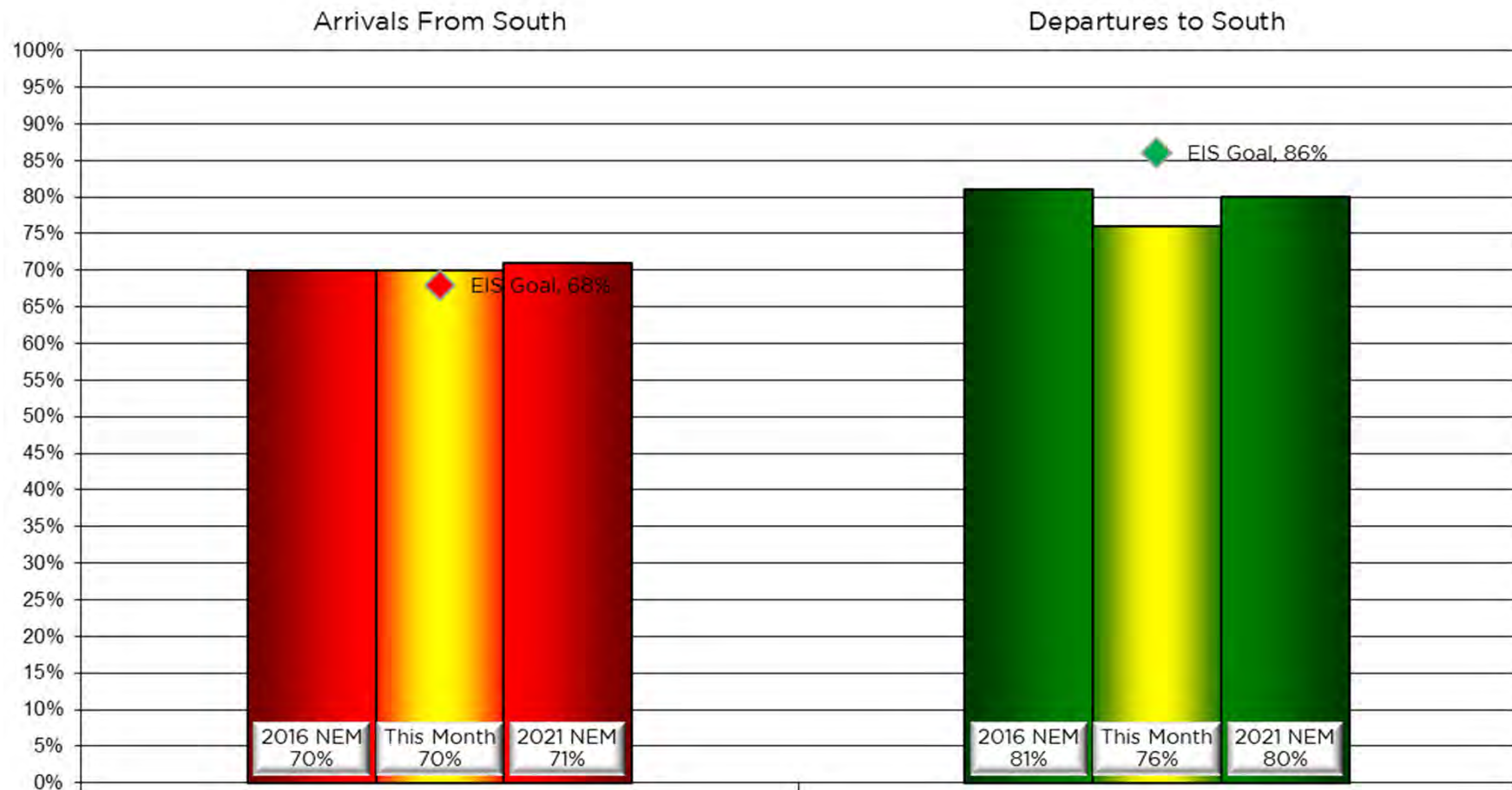
- VII. Guest Comments:** Edward Mansfield commented that he was not aware of the Noise Compatibility Program until he heard about the QuieterHome Program on WLKY. He wanted to know how far along we are on the 5 year Noise Exposure Maps (NEMs). Bob Slattery explained that the NEMs were last updated in 2016 which included the 5 year forecast conditions (2021 NEM). We will most likely be looking at a map update in the near future. We are currently taking a close look at current and forecasted operations before beginning the update process. Mary Rose informed Mr. Mansfield that the CNF would be willing to attend a meeting of his neighborhood group if that would be helpful in educating and informing them on the Noise Compatibility Program.

- VIII. Announcements:** None

- IX. Next Meeting:** September 27, 2021

- X. Adjournment:** A motion was made to adjourn the meeting at 7:25 p.m.

Monthly Contraflow July 1-30, 2021



Nightly Runway Use Summary - July 2021

(from 10:00 PM date list in first column to 7:00 AM the following morning)

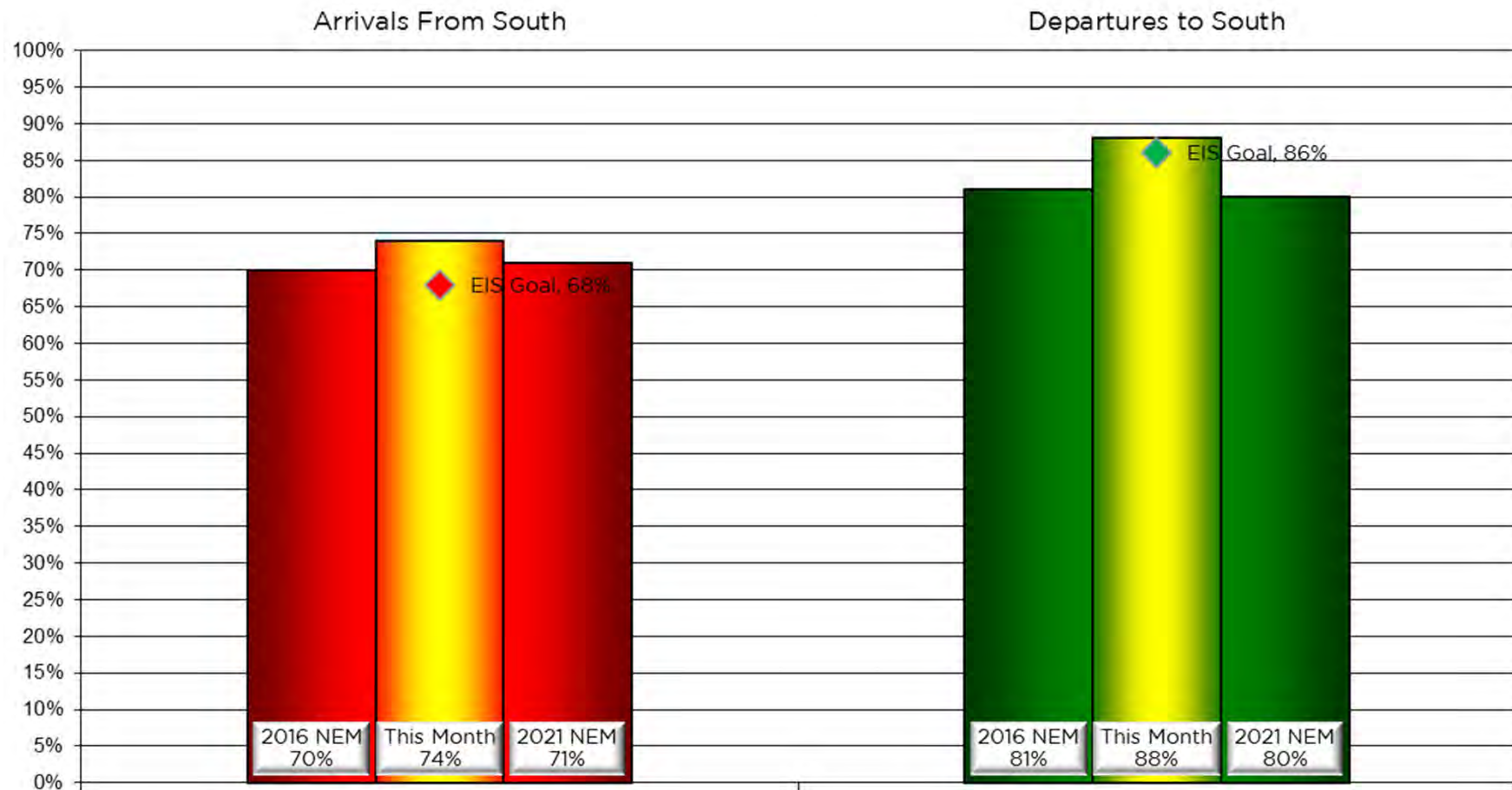
		% of all arrivals from the south										% of all departures to the south											
Date	Day	* in	Runway #							Runway	Notes /	* in	Runway #							Runway	Notes /		
		compliance	11	17L	17R	29	35L	35R	Use	Comments	compliance	11	17L	17R	29	35L	35R	Use	Comments				
07/01/21	Thu	100%							67	33	0		0%							59	41	0	350-360@7-11kts
07/02/21	Fri	96%			1	3			54	42	0		95%			37	58			1	4	0	
07/03/21	Sat																						
07/04/21	Sun																						
07/05/21	Mon	86%			5	9			63	23	0		93%			37	56			4	3	0	
07/06/21	Tue	90%			4	6			57	33	0		87%			35	52			10	3	0	
07/07/21	Wed	0%			41	59					0	140-230@5-12kts	100%			36	64					0	
07/08/21	Thu	37%			29	34			25	12	0	200-320@4-13kts	2%			1	1			58	40	0	290-020@4-14kts,g19
07/09/21	Fri	98%				2			63	35	0		95%			43	52			2	3	0	
07/10/21	Sat																						
07/11/21	Sun																						
07/12/21	Mon	0%			42	58					0	120-200@5-13kts	100%			35	65					0	
07/13/21	Tue	92%			3	5			55	37	0		88%			31	57			8	4	0	
07/14/21	Wed	0%			37	63					0	140-200@4-8kts	100%			39	61					0	
07/15/21	Thu	0%			41	59					0	130-200@6-9kts	100%			43	57					0	
07/16/21	Fri	0%			42	58					0	160-290@4-32,g49,ra	99%			36	63			1		0	
07/17/21	Sat																						
07/18/21	Sun																						
07/19/21	Mon	95%				5			58	37	0		82%			26	56			11	7	0	
07/20/21	Tue	94%			1	5			62	32	0		84%			33	51			10	6	0	
07/21/21	Wed	93%			2	5			55	38	0		87%			32	55			9	4	0	
07/22/21	Thu	96%			1	3			63	33	0		83%			33	50			12	5	0	
07/23/21	Fri	94%			4	2			59	35	0		94%			51	43			4	2	0	
07/24/21	Sat																						
07/25/21	Sun																						
07/26/21	Mon	92%			3	5			61	31	0		91%			34	57			7	2	0	
07/27/21	Tue	93%			2	5			55	38	0		89%			34	55			8	3	0	
07/28/21	Wed	93%			1	6			56	37	0		93%			34	59			5	2	0	
07/29/21	Thu	100%							63	37	0		0%							59	41	0	310-020@8-15kts, g21
07/30/21	Fri	100%							67	33	0		1%			1				61	38	0	350-020@4-6kts

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 2-31, 2021



Nightly Runway Use Summary - August 2021

(from 10:00 PM date list in first column to 7:00 AM the following morning)

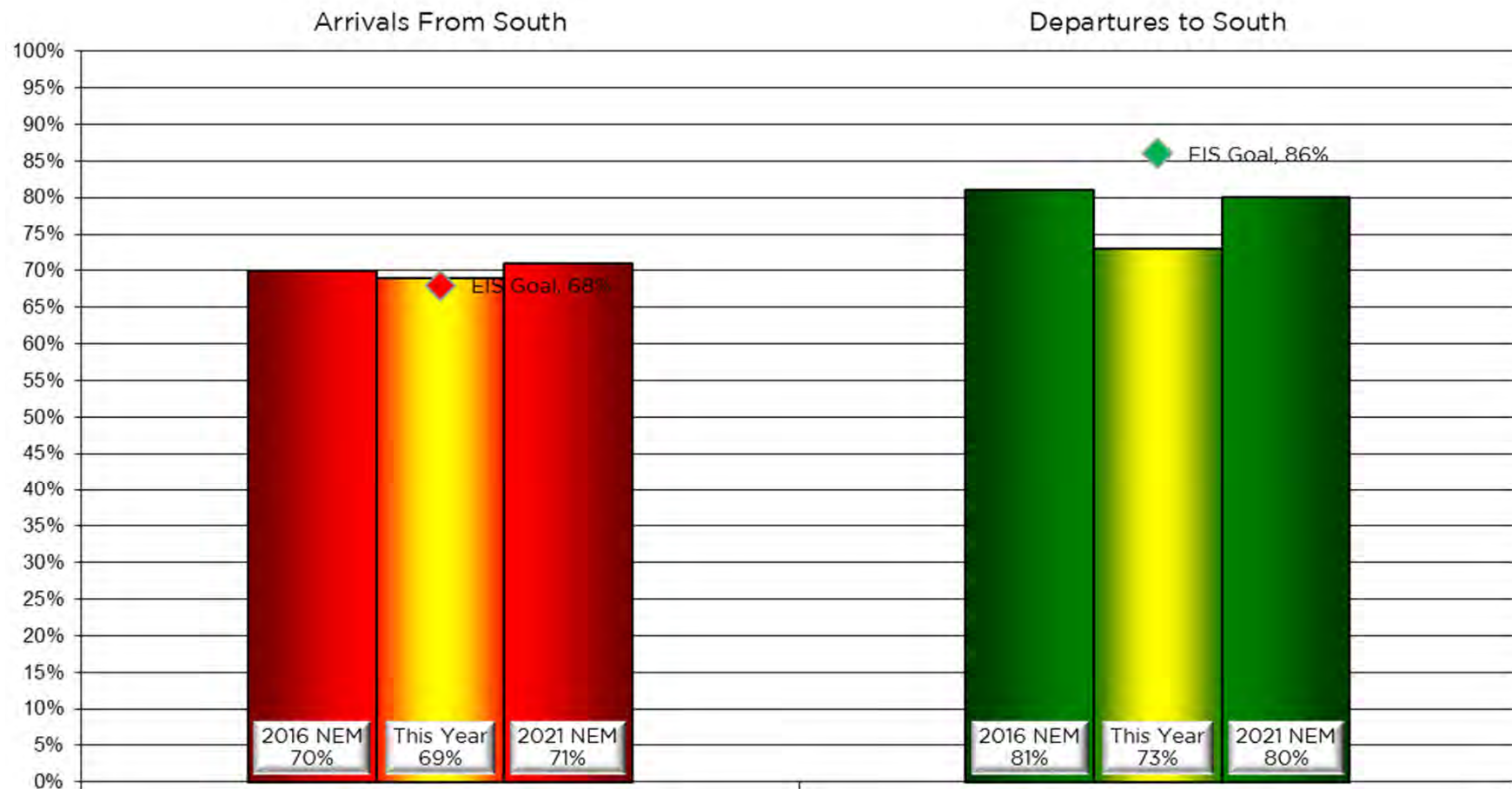
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Preferred Flow

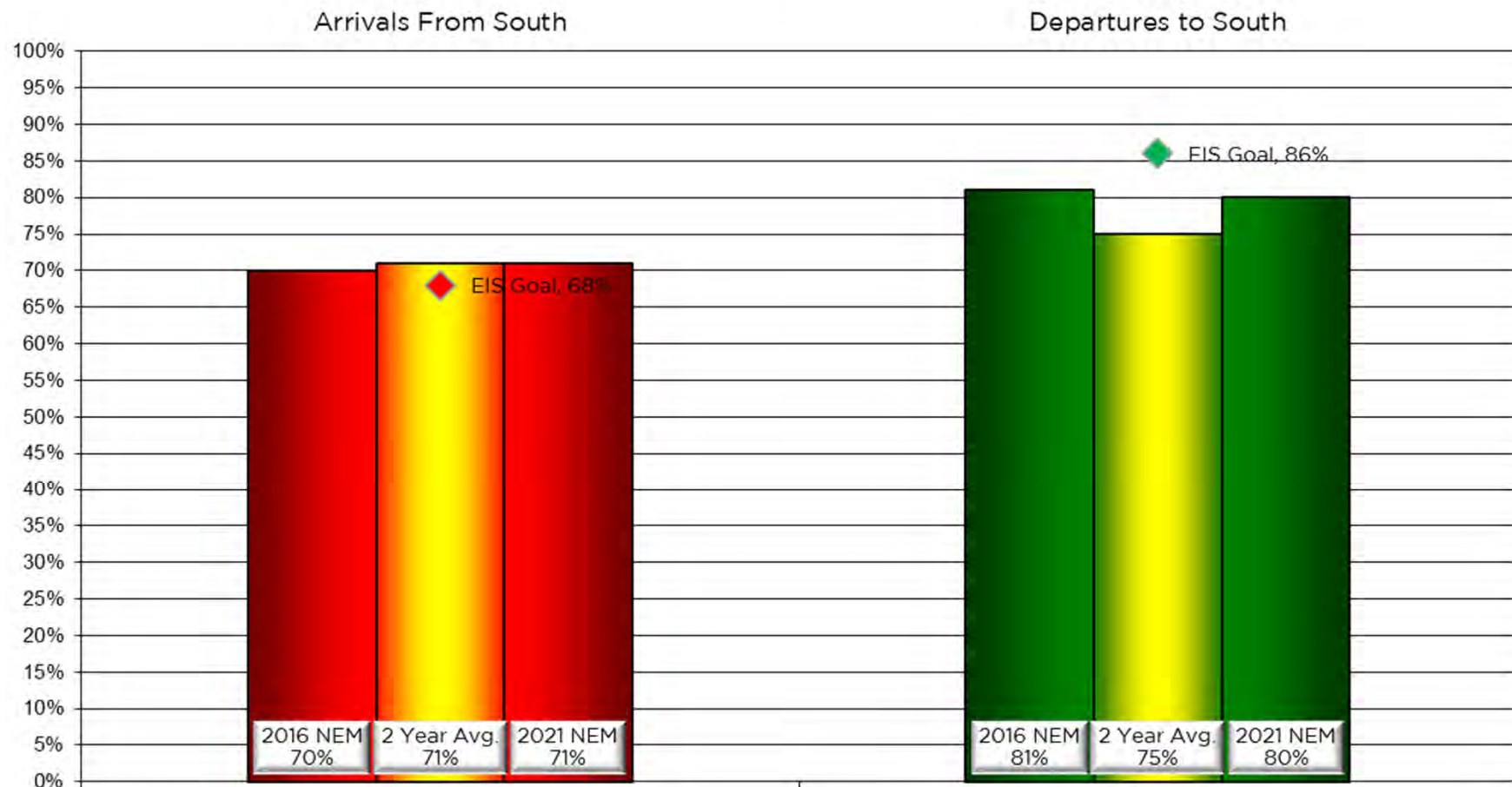
DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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

Contraflow This Year As of September 3, 2021



Contraflow 2 Year Average September 2019 - August 2021



Year-to-Year by Month Percent*

Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2014	2015	2016	2017	2018	2019	2020	2021	Avg		2014	2015	2016	2017	2018	2019	2020	2021	Avg
Jan	51%	76%	69%	65%	60%	75%	56%	71%	65%	Jan	81%	76%	69%	61%	72%	69%	82%	71%	73%
Feb	72%	66%	80%	58%	67%	78%	78%	87%	73%	Feb	71%	76%	67%	77%	70%	57%	43%	45%	63%
Mar	60%	71%	63%	79%	84%	82%	65%	51%	69%	Mar	77%	66%	77%	62%	61%	89%	64%	77%	72%
Apr	67%	53%	86%	56%	73%	65%	71%	62%	67%	Apr	83%	77%	73%	80%	72%	82%	69%	75%	76%
May	60%	75%	62%	75%	43%	65%	71%	71%	65%	May	92%	80%	80%	80%	89%	90%	90%	63%	83%
Jun	75%	57%	79%	74%	74%	50%	69%	65%	68%	Jun	91%	91%	83%	93%	91%	91%	88%	84%	89%
Jul	79%	74%	59%	85%	90%	75%	72%	70%	76%	Jul	85%	80%	91%	85%	77%	87%	91%	76%	84%
Aug	61%	86%	76%	79%	72%	88%	82%	74%	77%	Aug	92%	91%	90%	90%	88%	89%	87%	88%	89%
Sep	85%	95%	88%	85%	80%	83%	83%		86%	Sep	86%	73%	93%	31%	87%	77%	85%		77%
Oct	75%	86%	81%	81%	77%	79%	71%		80%	Oct	79%	74%	81%	82%	76%	78%	72%		79%
Nov	78%	59%	74%	69%	76%	70%	51%		70%	Nov	62%	88%	77%	75%	54%	72%	78%		74%
Dec	78%	55%	75%	74%	72%	76%	67%		69%	Dec	68%	79%	62%	74%	61%	72%	69%		70%
Avg	70%	71%	74%	73%	72%	74%	70%	69%		Avg	81%	79%	79%	74%	75%	79%	77%	72%	

NOISE COMMENT REPORT

LOUISVILLE REGIONAL AIRPORT AUTHORITY



July 2021

Comments (SDF/LOU)

July 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Holsclaw Hill Rd	40109	SW (60-65)	2021-07-01 04:21:00	2021-07-01 04:18:00	SDF	Noise At Wrong Time	Investigated	Standard	None	July 1st, 4:18 a.m. Holsclaw Hill Road is being woken up by airplanes and low flights.
Landor Ave	40205	NE (N/A)	2021-07-06 13:05:00	2021-07-02 09:00:00	LOU	Constant Noise	Investigated	Standard	None	I talked with you several weeks ago and I thought things were getting better. However, over this past weekend the flights have been terrible. Why can't the flights just go straight out in the easement area and not start their turns until they get farther out.
Parklawn Dr	40217	NE (60-65)	2021-07-02 16:27:00	2021-07-02 15:36:00	SDF	Other	Investigated	Non-Standard	Weather	I live on Parklawn Drive directly under the flight path. I'd like to apply for noise reduction in my home and need information as to how to apply.
Holsclaw Hill Rd	40109	SW (60-65)	2021-07-03 05:35:00	2021-07-03 03:00:00	SDF	Aircraft Too Low	Investigated	Standard	None	The planes are ridiculous. On average I had 62 dB inside my house. It just so happened that I had another 747 flying over my house going to Honolulu that was not over 1000' over my house. We need to talk with someone besides you if we can't get someone up here about the planes flying so low and the decibels inside my house. On average the MD-11s at 3000' are 60 decibels inside my house. That does not include the 747s that go over at the lowest altitude shaking the house. We need to get the FAA up here and get a ruling on this property. We cannot live like this.
Holsclaw Hill Rd	40109	SW (60-65)	2021-07-03 04:18:00	2021-07-03 04:11:00	SDF	Vibrations	Investigated	Standard	None	You had your 747 going to Anchorage shake my house. Their altitude was 2500' minus our 890'. July 3 at about 4:11 a.m. or so. Woke us straight up out of the bed shaking our house.

1. **Standard:** Indicates the "Most Preferred" runway configuration was being utilized at the time of the comment.
Non-Standard: Indicates that a "Lesser Preferred" runway configuration was being utilized at the time of the comment.
QHP: QuieterHome Program
2. This column is used to indicate the conditions which most likely necessitated a deviation from the standard procedures.
3. Comments may be edited for space, format, or unrelated content.

Comments (SDF/LOU)

July 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Holsclaw Hill Rd	40109	SW (60-65)	2021-07-03 05:24:00	2021-07-03 05:20:00	SDF	Too Much Noise	Investigated	Standard	None	We just had another one go over that was going to Anchorage. He was pushing the 1200' mark. The dB levels were 68 inside my house at 5:20 a.m. They are below 2500'.
Parklawn Dr	40217	NE (60-65)	2021-07-08 11:00:00	2021-07-08 11:00:00	SDF	Other	Investigated	Standard	None	I need to know how I register for the noise reduction program. I am a tenant and I need to make sure the owner gets all the required information.
Elam Dr	40213	SW (60-65)	2021-07-13 13:22:00	2021-07-13 13:22:00	SDF	Other	Investigated	Standard	None	The siding is melting on the side of my house. I think it has to do with the airplanes dumping fuel.
W. Ormsby	40203	NW (60-65)	2021-07-15 22:30:00	2021-07-15 22:30:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I have not left you a message in a while. The year had gone well until the past few weeks. We have just been having plane after plane after plane day after day after day night after night after night. You cannot have a conversation; you cannot sit outside because it is just continuous.
W. Ormsby	40203	NW (60-65)	2021-07-18 01:16:00	2021-07-18 01:15:00	SDF	Noise At Wrong Time	Investigated	Standard	None	It is 1:15 a.m. on Sunday morning. We continue to have airplanes. The weatherman told us that the winds were out of the north at 6 mph.
W. Ormsby	40203	NW (60-65)	2021-07-18 03:16:00	2021-07-18 23:16:00	SDF	Noise At Wrong Time	Investigated	Standard	None	It is Sunday night and the planes are going over. The weatherman is saying the winds are out of the east/northeast and where I am, I can't see that there is much wind at all. The tower folks sure do like to send planes over the city.

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Comments (SDF/LOU)

July 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Rose Ave	47130	SI (<60)	2021-07-19 09:48:00	2021-07-19 09:48:00	SDF	Aircraft Off Course	Investigated	Standard	None	<p>I used to attend the meetings when I lived in Clarksville and the UPS planes arriving from the north at night flew directly over my home. We moved to Jeffersonville about 11 years ago and have been relatively free from any flight noise until recently. We have a sunroom on the back of our home where we both like to go to upon awakening to drink coffee and relax in our recliner. We really enjoyed the peace and quiet and the ability to listen to soft music until recently. About mid-June of this year we started having morning planes flying directly overhead. I went on FlightAware and saw these were takeoffs to the north that were being routed east or south. FlightAware seemed to show these flights were turning right at the Ohio river but we knew they were not as we are about 1 1/2 miles from the river. They seemed to quit until just before the 4th of July holidays and continued for several more days. We were then out of town for a few days but noticed this weekend and again this morning that those flights are back to flying in over our Jeffersonville neighborhood. This an aberration or can we continue to expect these flights to stray about 2 miles into Indiana instead of cutting off on the Louisville side of the Ohio or pushing about 5 miles farther north before they make their cuts eastward or southeast?</p>
Robin Rd	40213	NE (65-60)	2021-07-22 11:50:00	2021-07-22 11:50:00	SDF	Other	Investigated	Standard	None	I would like some information on the noise compatibility program.

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Comments (SDF/LOU)

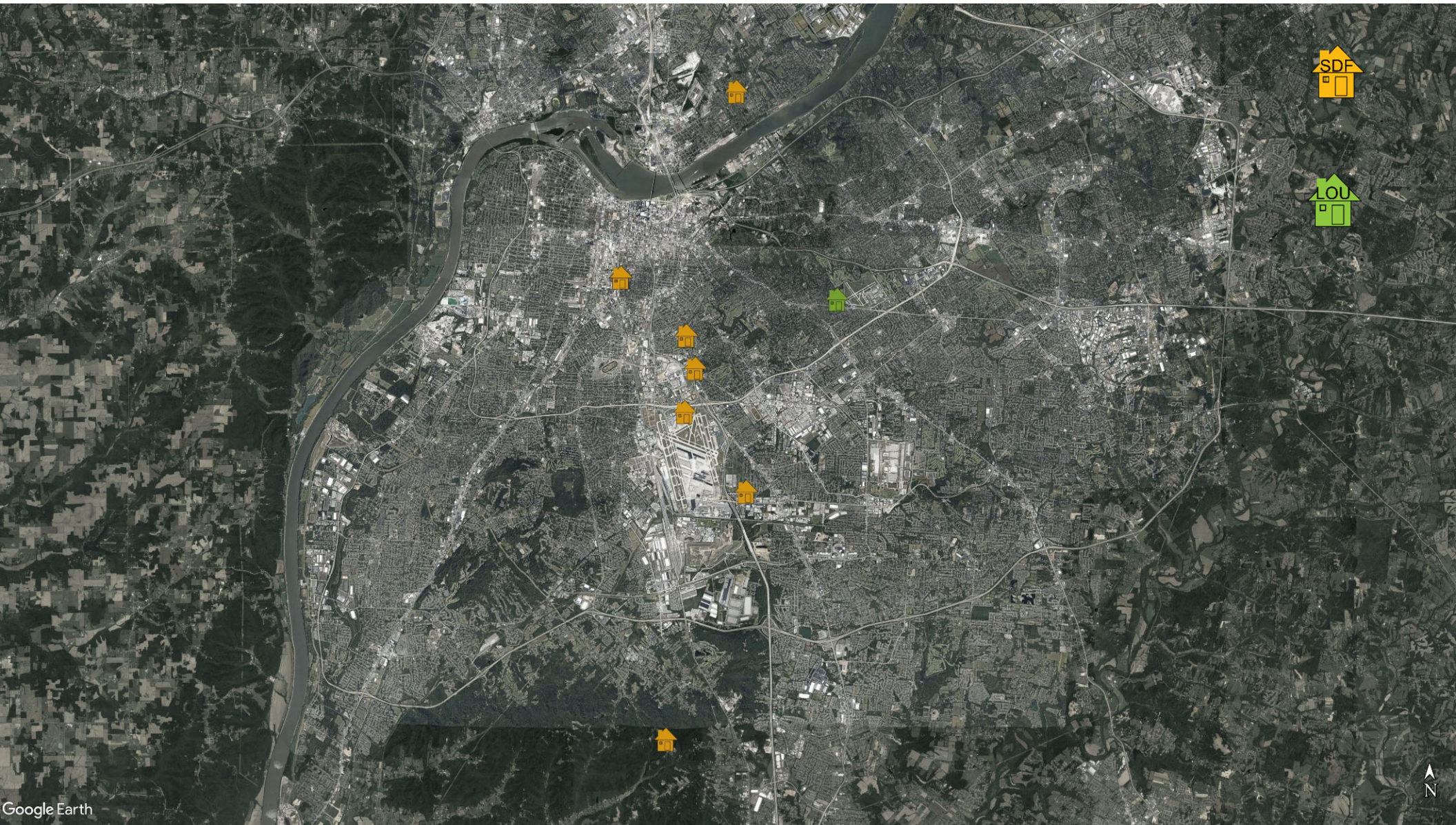
July 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Holsclaw Hill Rd	40109	SW (60-65)	2021-07-23 03:55:00	2021-07-23 03:51:00	SDF	Aircraft Too Low	Investigated	Standard	None	It is July 23 at 3:51 a.m. Your Anchorage plane just flew over my house lower the 1200'. Shook it and woke me up. I just got to bed at 12:00 tonight and you are sending these great big planes over my house shaking it. Yes, they are going below 2500'. You need to get this stuff under control. It is ridiculous and illegal.
Administration Dr	40209	UNK	2021-07-26 21:08:00	2021-07-26 21:08:00	SDF	Other	Investigated	Non-Standard	Weather	My home is just out of the noise control program for planes and I'm looking for any kind of suggestions or help I can get to reduce the noise for my home. Should I focus on getting certain windows? Sound dampening curtains? Is anything else you recommend?
Rose Ave	47130	SI (<60)	2021-07-30 09:45:00	2021-07-30 09:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	The flight at 9:30 this morning to Philadelphia showed on FlightAware that it turned far south of the Ohio River, but you could look up here on Main St near 8th and clearly see the small plane overhead. It cut back south about Briscoe Drive. That is happening so many times. I'm not sure how FlightAware can show the routes at the river or south of the river when visually they are overhead in Jeffersonville neighborhoods. We hear them about 2 minutes before Flight Aware shows their path. There's another right now at 9:40 overhead but Flight Aware showed it turned far south of the river. It's traffic we have not experienced before so something has changed.
							Received	LRAA	16	

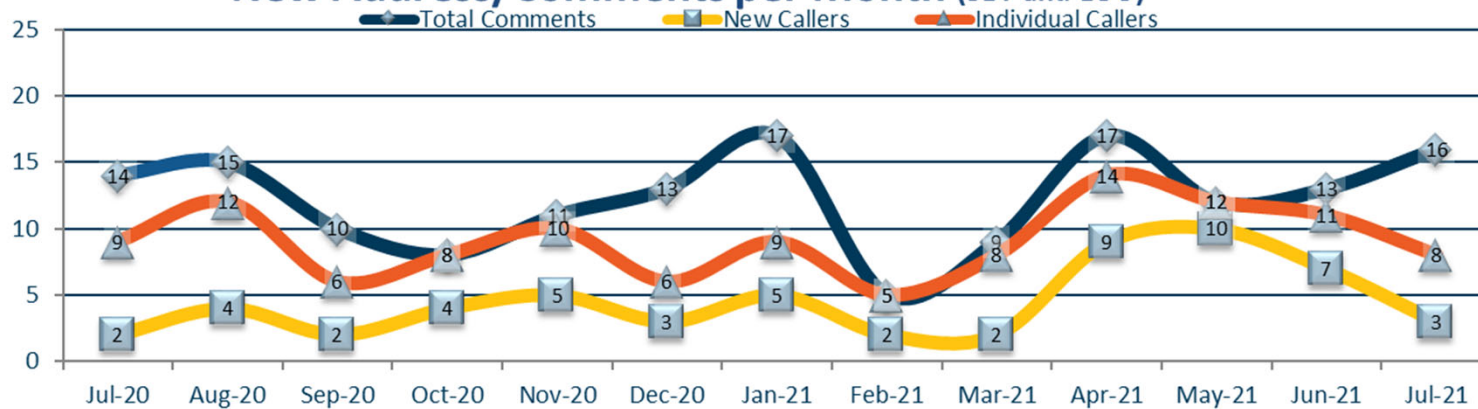
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Comment Location (SDF/LOU)

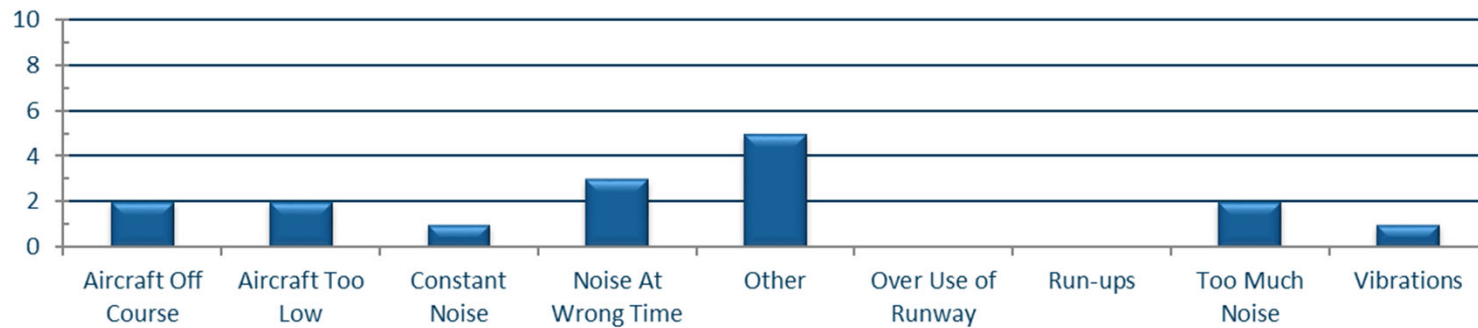
July 2021



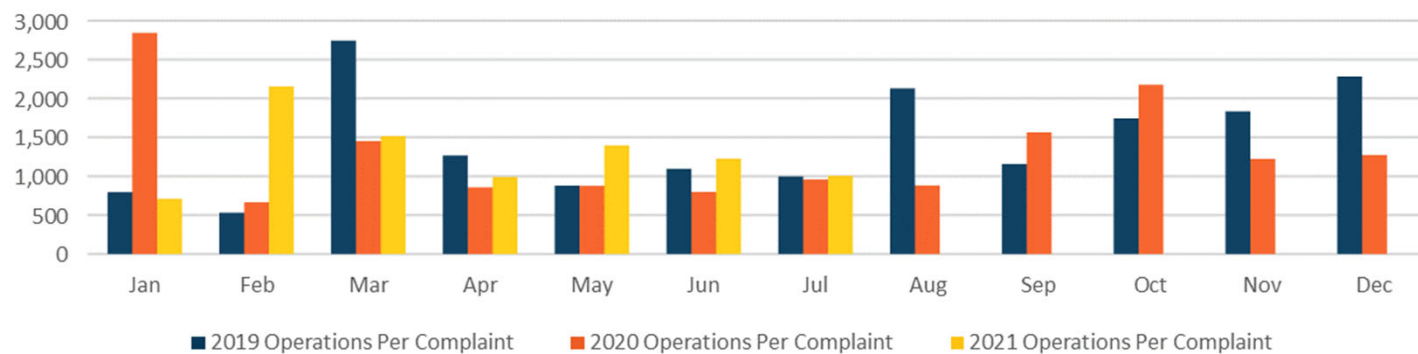
New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU) July 2021



Operations Per Complaint (SDF)



NOISE COMMENT REPORT

LOUISVILLE REGIONAL AIRPORT AUTHORITY



August 2021

Comments (SDF/LOU)

August 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Reading Rd	40217	NE (65+)	2021-08-02 13:31:00	2021-08-02 13:31:00	SDF	Other	Investigated	Standard	None	<p>I live in a residence with a great deal of airport noise 24/7. I live in a house in Parkway Village, on Reading Road, that I bought in 2018. My house is in an area that was first in line for the Quieter Homes program.</p> <p>Unfortunately, the previous owner did not take advantage of that program and I am left with a great deal of noise. The noise is so loud that if I am on a meeting, both me and my wife work from home, I have to pause speaking because people can't hear me in the meeting. Large aircraft fly directly over my house at all hours of the night. Some are UPS and some are commercial airlines. I am wondering if I have any options that won't cost me an arm and a leg or if you can point me in the right direction.</p>
Iroquois Ave	40214	SW (<60)	2021-08-04 15:13:00	2021-08-03 23:00:00	SDF	Constant Noise	Investigated	Standard	None	<p>I would like to complain about UPS during the night. It has been going on for quite a while now, we cannot even sleep. Last night it started about 11:00 p.m. went all the way through the night and ended about 5:00 a.m. The night before it was the same. About a week ago they did it Monday through Friday and it lasted about two weeks straight. Then they had about a week off and now yesterday they started back up. I guess they are just starting up their planes, working on them and moving them around. There is none taking off and there is just a constant roaring. It is really, really bad, you cannot even sleep.</p>

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Comments (SDF/LOU)

August 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Reutlinger Ave	40204	NE (<60)	2021-08-06 14:11:00	2021-08-06 14:11:00	SDF	Too Much Noise	Investigated	Non-Standard	None	We have spoken before about the planes overhead. It is totally ridiculous. I do not have cable or streaming service so I cannot even watch TV when the planes go over.
Holsclaw Hill Rd	40109	SW (60-65)	2021-08-09 15:29:00	2021-08-09 15:29:00	SDF	Aircraft Too Low	Investigated	Standard	None	The planes are really low this afternoon. The Honolulu flight just went over at 1,900 feet. I guess UPS started the trend of flying at lower altitude and now Southwest and the others have followed. Spirit is super low.
Allen Dr	40118	SW (60-65)	2021-08-10 04:20:00	2021-08-10 04:20:00	SDF	Noise At Wrong Time	Investigated	Standard	None	In the last 2 months we have had planes flying over our house every night. We can't sleep anymore, and our baby wakes up as well. We live on Allen Drive. I would do just about anything to solve this problem. Not sure who to contact but could you help us with this problem or direct us to someone who can? I found your email online. We would be so grateful for any help you can provide!
Landor Ave	40205	NE (NA)	2021-08-10 14:27:00	2021-08-10 14:00:00	LOU	Other	Investigated	Standard	None	Just wanted to send over a note to see if there is an increased number of flights today between 2:00 p.m. EST - 2:25 p.m. EST. There seems to be an increased level of noise than typical.

1. **Standard:** Indicates the "Most Preferred" runway configuration was being utilized at the time of the comment.
Non-Standard: Indicates that a "Lesser Preferred" runway configuration was being utilized at the time of the comment.
QHP: QuieterHome Program
2. This column is used to indicate the conditions which most likely necessitated a deviation from the standard procedures.
3. Comments may be edited for space, format, or unrelated content.

Comments (SDF/LOU)

August 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Top Hill Rd	40118	SW (<60)	2021-08-13 15:10:00	2021-08-10 17:45:00	SDF	Too Much Noise	Investigated	Standard	None	Within the past year or two, Airport traffic and noise has heavily increased in the Fairdale and more specifically the Jefferson Memorial Forest area of Jefferson County. While I am an advocate of commerce, I am well aware of the disadvantages that has been imposed by anyone west of I65. I am asking that you review flight traffic patterns and determine a greater flight pattern that impacts the fewest individuals within our Louisville community. I further ask that you consider rotating the traffic to at the minimum, create fairness in our community and how it is impacted. I have two small children and too often in the early morning, lunch hour, and early evening hours I have to see my children lift their heads to count the loud airplanes. This is a disturbance to our great Louisville neighborhoods and becomes a sore point for our local and often forgotten citizens. This is not how we create great neighborhoods. Thank you for your consideration in making our community more friendly to its residents.
Preston Hwy	40229	SE (<60)	2021-08-19 05:14:00	2021-08-19 04:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	I have lived here for 28 years; the planes wake me up at 4:00 a.m. It sounds like they are going to land in the front yard. It has been going on for at least a year or longer.
Observation Cir	40243	SE (<60)	2021-08-27 13:53:00	2021-08-19 07:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	Unusual noise around 7:00 a.m. for about 1-2 hours.

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Comments (SDF/LOU)

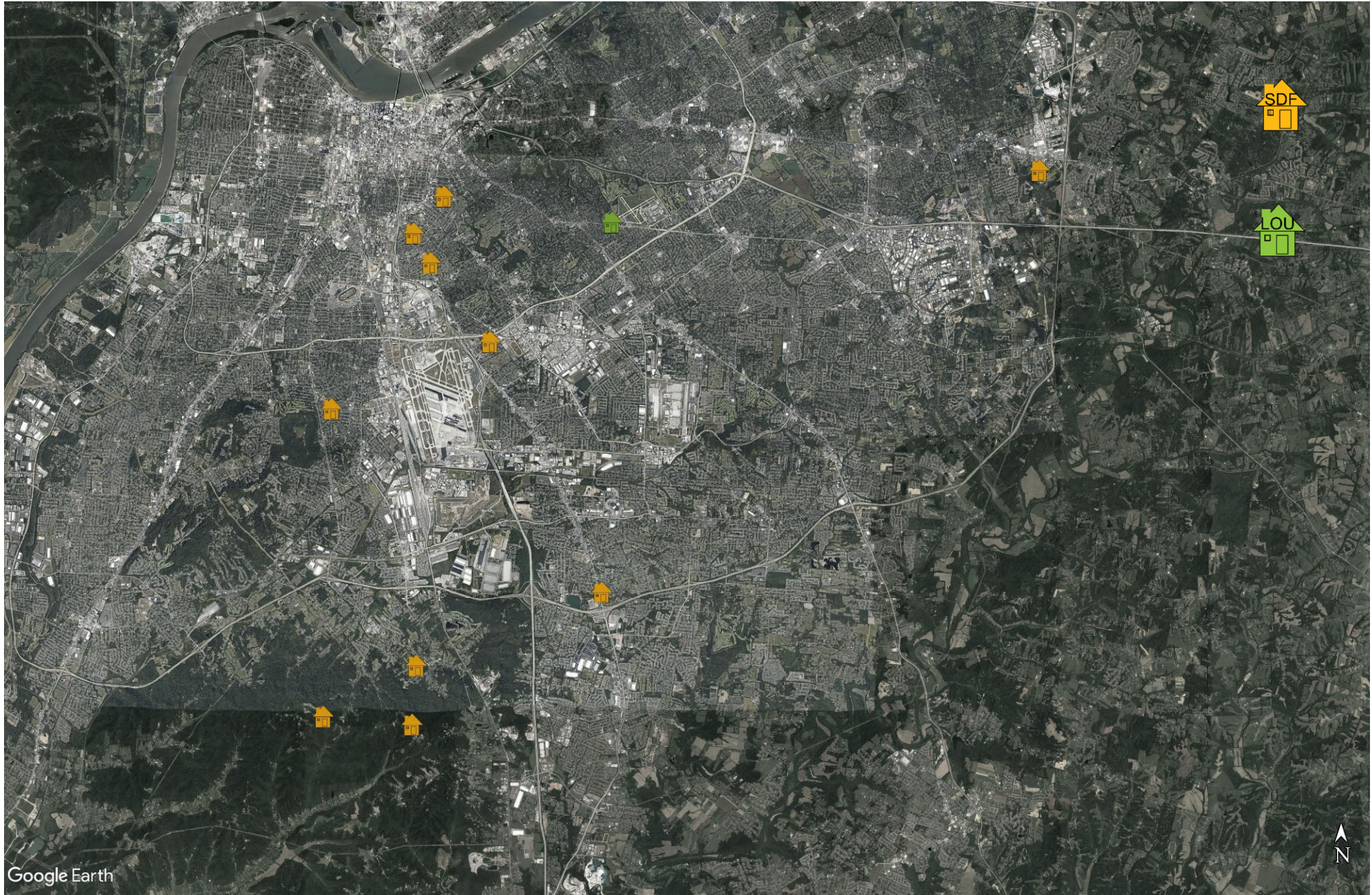
August 2021

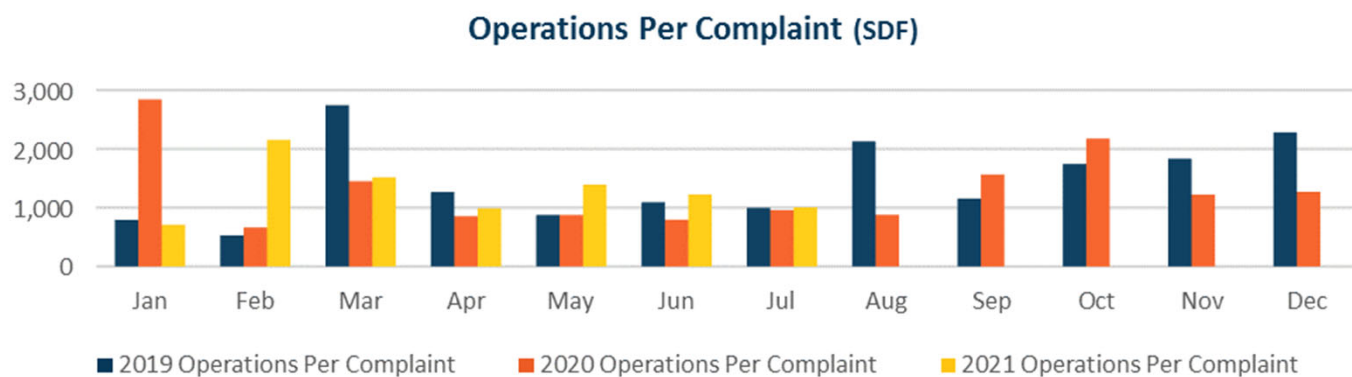
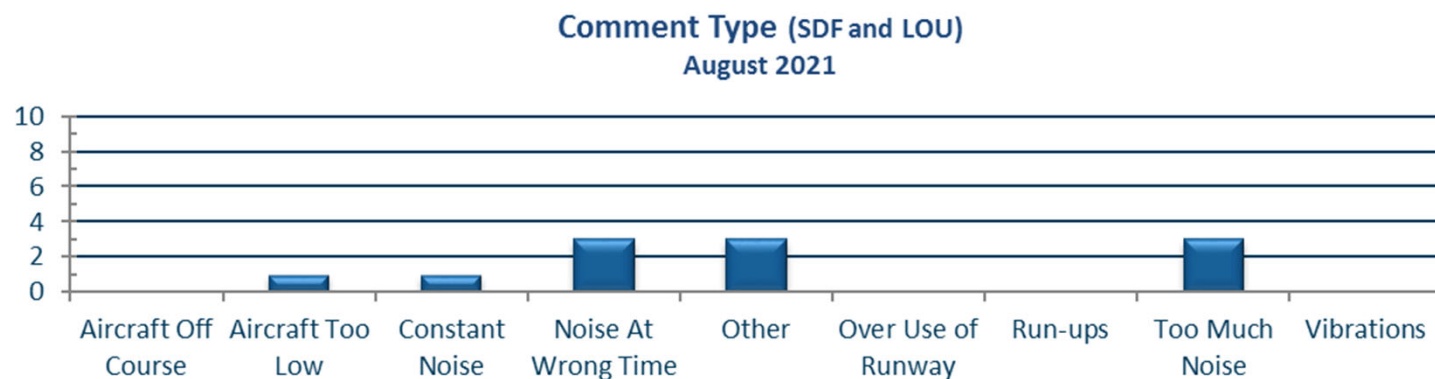
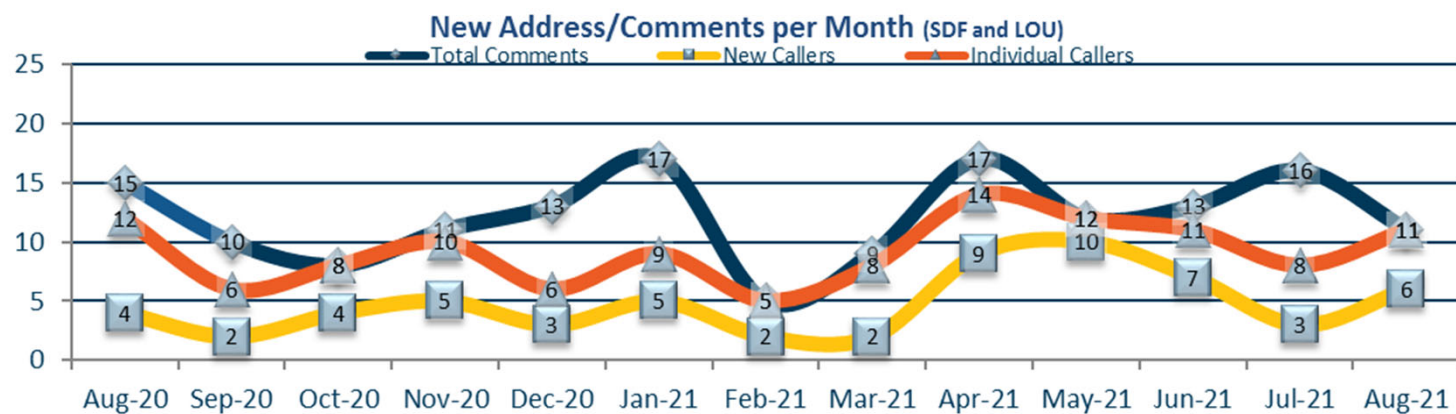
Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
E Brandeis Ave	40217	NE (60-65)	2021-08-23 12:00:00	2021-08-23 12:00:00	SDF	Too Much Noise	Investigated	Standard	None	I am calling regarding my mother's house. We were calling to get some flight information about the airplanes flying over the house. We visited one of your meetings several years ago over at Saint Elizabeth. You said you should probably be in this area by this time. We would like to get an update with that and see where they are at because they are still currently flying over our house. Now it is starting to cause damage to her front porch.
Trinity Park Dr	40213	SE (<60)	2021-08-26 14:24:01	2021-08-26 14:26:01	SDF	Other	Investigated	Standard	None	I live in an older house and the roof is starting to sag. I had heard that the airport has a program to replace windows and doors and wanted to check to see if they might do something with roofs.
							Received	LRAA	11	

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Non-Standard: Indicates that a “Lesser 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.
3. Comments may be edited for space, format, or unrelated content.

Comment Location (SDF/LOU)

August 2021





Daily Runway Use Uncorrected (SDF) July 2021

Flow	Time	Thu 7/1	Fri 7/2	Sat 7/3	Sun 7/4	Mon 7/5	Tue 7/6	Wed 7/7	Thu 7/8	Fri 7/9	Sat 7/10	Sun 7/11	Mon 7/12	Tue 7/13	Wed 7/14	Thu 7/15	Fri 7/16	Sat 7/17	Sun 7/18	Mon 7/19	Tue 7/20	Wed 7/21	Thu 7/22	Fri 7/23	Sat 7/24	Sun 7/25	Mon 7/26	Tue 7/27	Wed 7/28	Thu 7/29	Fri 7/30	Sat 7/31	Time
North Flow	0:00																															0:00	
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South Flow	3:00			X																												3:00	
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Flow	Time	Thu 7/1	Fri 7/2	Sat 7/3	Sun 7/4	Mon 7/5	Tue 7/6	Wed 7/7	Thu 7/8	Fri 7/9	Sat 7/10	Sun 7/11	Mon 7/12	Tue 7/13	Wed 7/14	Thu 7/15	Fri 7/16	Sat 7/17	Sun 7/18	Mon 7/19	Tue 7/20	Wed 7/21	Thu 7/22	Fri 7/23	Sat 7/24	Sun 7/25	Mon 7/26	Tue 7/27	Wed 7/28	Thu 7/29	Fri 7/30	Sat 7/31	Time

Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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

X Complaint

Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

Daily Runway Use (SDF)

Tower Comments July 2021

Day	Date	Time	Comment
1-Jul-21	Thu	1400-2100	Stayed North Flow Due to forecasted winds 30006KT. And wet runways from thunderstorms
2-Jul-21	Fri		
3-Jul-21	Sat	2200-0000	Winds logged at 2232 lcl 31009KT
4-Jul-21	Sun		
5-Jul-21	Mon	0900-1030	Late Change due to "On the Job Training" taking place
5-Jul-21	Mon	1400-1430	1400 lcl winds logged 33007KT and remaining North. Probably waited to if winds would calm down.
6-Jul-21	Tue		
7-Jul-21	Wed		
8-Jul-21	Thu	0900-1030	0907 lcl winds logged at 21010KT and Flight Check operations were in the area.
8-Jul-21	Thu	2200-0000	Appears we remained south flow due to weather south of SDF blocking the finals.
9-Jul-21	Fri	0000-0230	Remained south flow due to weather south of SDF.
9-Jul-21	Fri	1400-1800	Remained north flow due to forecasted winds of 33008KT.
10-Jul-21	Sat	1100-1330	Stayed south flow due to forecasted winds and wet runways.
11-Jul-21	Sun		
12-Jul-21	Mon		
13-Jul-21	Tue		
14-Jul-21	Wed		
15-Jul-21	Thu		
16-Jul-21	Fri		
17-Jul-21	Sat	0900-1130	at 0900 lcl log says remained south flow due to winds. Changed RWYs at 1130 due to a wind shift.
18-Jul-21	Sun		
19-Jul-21	Mon	2000-2130	Remained north due to forecasted winds of 06010G18KT. And wind at 3000MSL 05018KT. Logged at 1401 lcl.
20-Jul-21	Tue	0900-0930	Late switch due to volume
21-Jul-21	Wed		
22-Jul-21	Thu		
23-Jul-21	Fri	0900-0930	No explanation given
23-Jul-21	Fri	1400-1430	Late change due to traffic sequence already in airspace/volume
24-Jul-21	Sat		
25-Jul-21	Sun	0900-1330	Stayed south flow due precip building in the area winds were 20007KT. Expecting wet runways.
25-Jul-21	Sun	1900-2000	Late switch due to winds/weather winds for most of the morning were out of the NW with precip on the scope.
26-Jul-21	Mon		
27-Jul-21	Tue		
28-Jul-21	Wed		
29-Jul-21	Thu		
30-Jul-21	Fri		
31-Jul-21	Sat	0300-0830	Stayed north flow due to winds out of the North. 36007KT. Logged at 0348 lcl
31-Jul-21	Sat	1500-2100	Remained north flow due to wind 35007KT and wet runways. Logged at 1345 lcl

Daily Runway Use Uncorrected (SDF) August 2021

Flow	Time	Sun 8/1	Mon 8/2	Tue 8/3	Wed 8/4	Thu 8/5	Fri 8/6	Sat 8/7	Sun 8/8	Mon 8/9	Tue 8/10	Wed 8/11	Thu 8/12	Fri 8/13	Sat 8/14	Sun 8/15	Mon 8/16	Tue 8/17	Wed 8/18	Thu 8/19	Fri 8/20	Sat 8/21	Sun 8/22	Mon 8/23	Tue 8/24	Wed 8/25	Thu 8/26	Fri 8/27	Sat 8/28	Sun 8/29	Mon 8/30	Tue 8/31	Time
North Flow	0:00																																0:00
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Flow	Time	Sun 8/1	Mon 8/2	Tue 8/3	Wed 8/4	Thu 8/5	Fri 8/6	Sat 8/7	Sun 8/8	Mon 8/9	Tue 8/10	Wed 8/11	Thu 8/12	Fri 8/13	Sat 8/14	Sun 8/15	Mon 8/16	Tue 8/17	Wed 8/18	Thu 8/19	Fri 8/20	Sat 8/21	Sun 8/22	Mon 8/23	Tue 8/24	Wed 8/25	Thu 8/26	Fri 8/27	Sat 8/28	Sun 8/29	Mon 8/30	Tue 8/31	Time

Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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

X Complaint

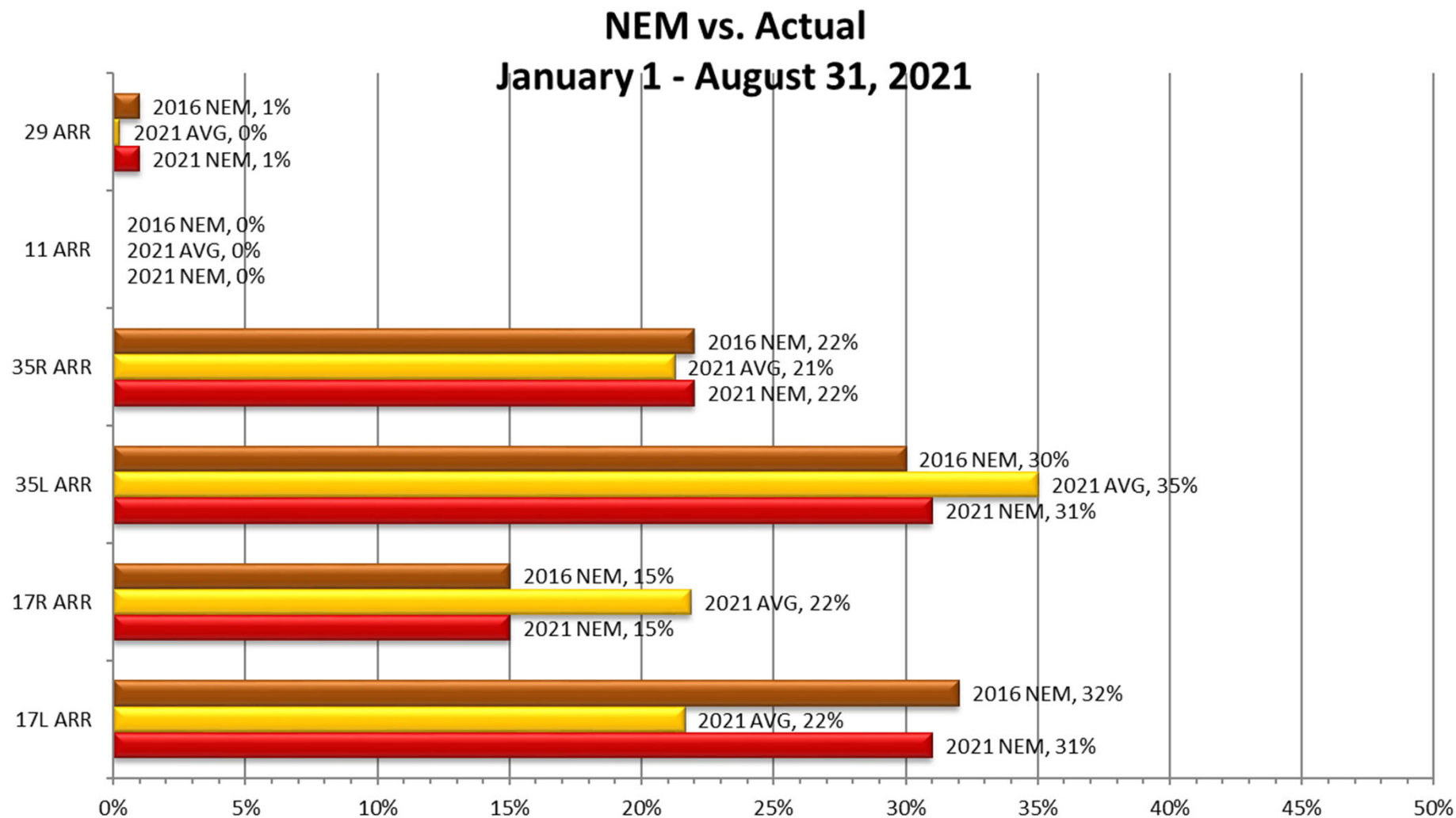
Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

Daily Runway Use (SDF)

Tower Comments August 2021

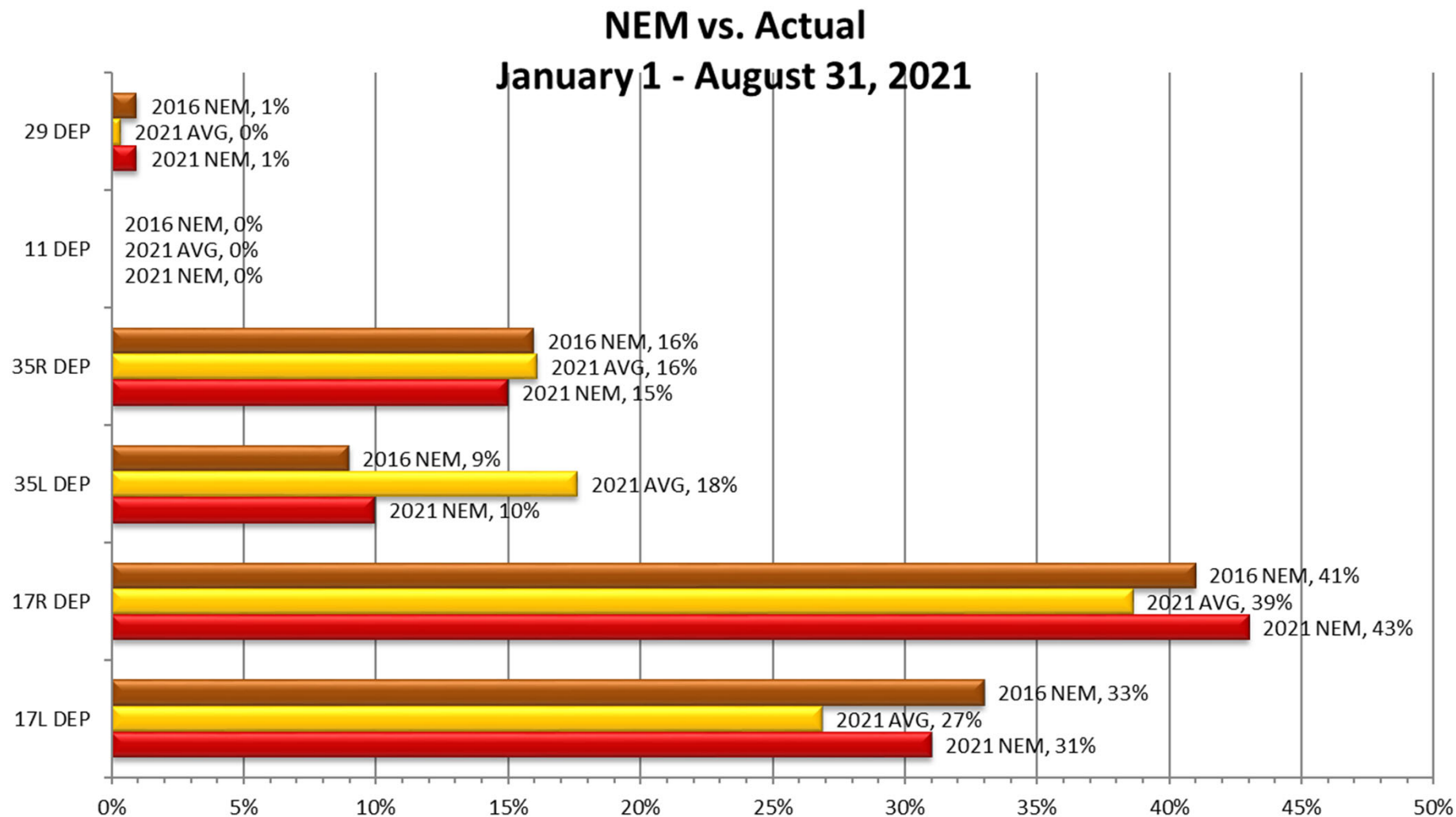
Day	Date	Time	Comment
sun	1-Aug-21		
mon	2-Aug-21	0430-0600	Peak Wind 3609
tue	3-Aug-21	2100-2130	Peak Wind 0109
wed	4-Aug-21	0700-0830	Switched North early due to wind and Flight Check activity on RWY 35L/R
wed	4-Aug-21	2100-2130	Peak Wind 0109
thu	5-Aug-21		
fri	6-Aug-21	1400-1730	Peak Wind Gust up to 17kt from NW
sat	7-Aug-21	0900-1000	Log reflects North flow
sun	8-Aug-21		
mon	9-Aug-21		
tue	10-Aug-21		
wed	11-Aug-21		
thu	12-Aug-21		
fri	13-Aug-21		
sat	14-Aug-21		
sun	15-Aug-21		
mon	16-Aug-21		
tue	17-Aug-21	1400-1430	Rem North due to convective activity develeoping 5NM N of SDF
wed	18-Aug-21		
thu	19-Aug-21	0730-0830	Early Change due to TS in the vicinity and wind shift
fri	20-Aug-21		
sat	21-Aug-21		
sun	22-Aug-21	0900-0930	Late change due to traffic volume
sun	22-Aug-21	1400-1530	Rem North flow due to heavy VFR traffic at JVV
mon	23-Aug-21	1900-2130	Wind 3008G15
tue	24-Aug-21		
wed	25-Aug-21		
thu	26-Aug-21		
fri	27-Aug-21	1230-1330	Early switch to South flow due to convective activity approaching RWY 35L/R finals
sat	28-Aug-21		
sun	29-Aug-21		
mon	30-Aug-21	0900-0930	Late change due to weather over SDF
tue	31-Aug-21	0900-1330	Remaining south flow due to convective activity South of SDF and wet runways

Runway Use (SDF Arrivals)



Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

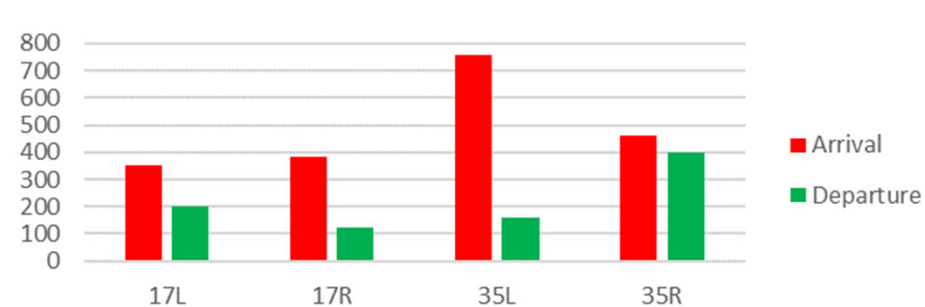
Runway Use (SDF Departures)



Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

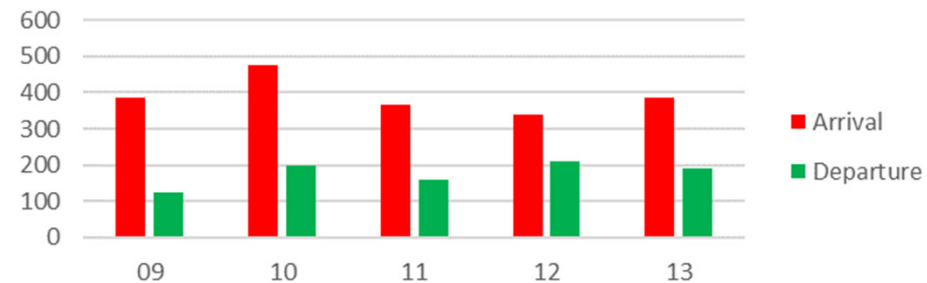
Runway Use 0900L-1400L_(SDF)

Runway

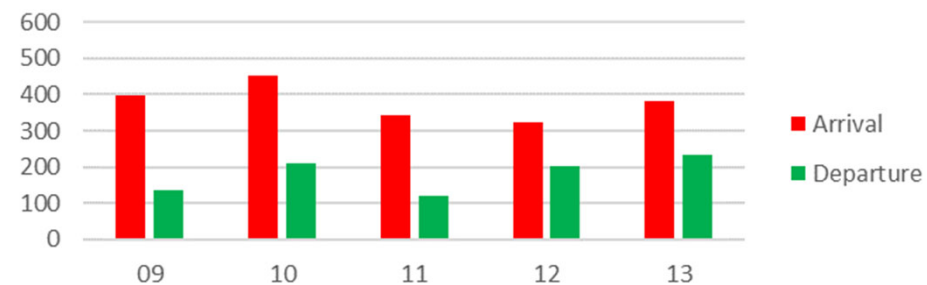
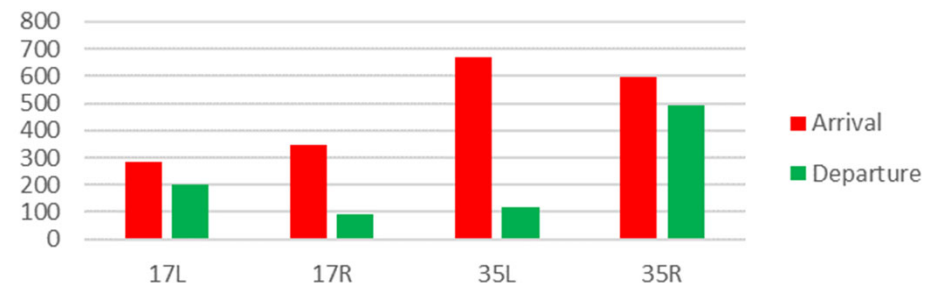


Hour

July 2021



August 2021



Gate Compliance by Runway

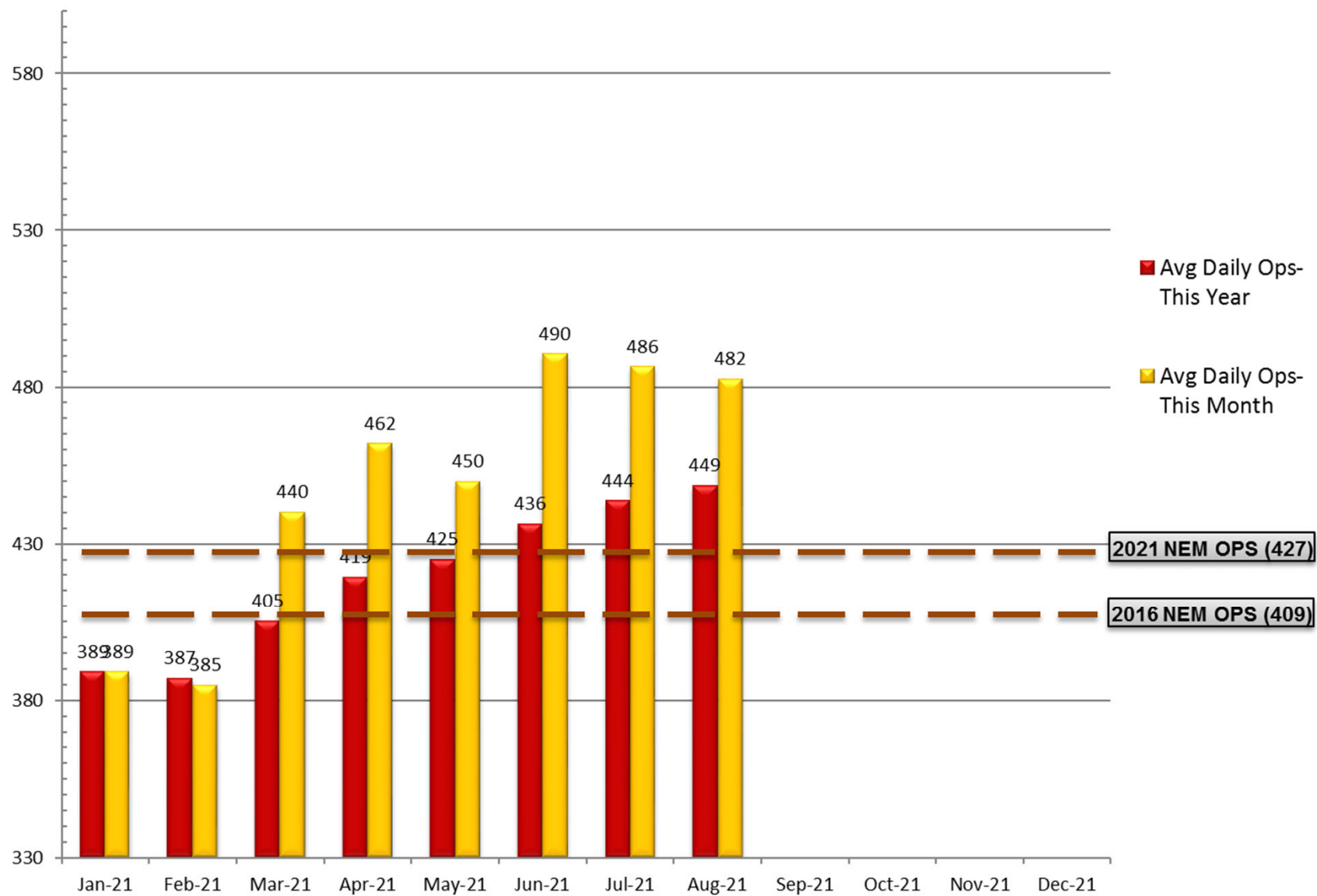
As of August 31, 2021

ARRIVALS Percent Compliant						Departure Percent Compliant				
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Sep-19	89%	92%	88%	89%	90%	89%	92%	79%	92%	88%
Oct-19	92%	93%	90%	91%	92%	88%	93%	75%	85%	85%
Nov-19	89%	92%	90%	92%	91%	79%	91%	74%	88%	83%
Dec-19	91%	95%	92%	93%	93%	82%	91%	75%	84%	83%
Jan-20	93%	95%	93%	91%	93%	76%	90%	71%	87%	81%
Feb-20	89%	94%	94%	93%	93%	80%	90%	78%	85%	83%
Mar-20	92%	94%	93%	90%	92%	78%	84%	78%	83%	81%
Apr-20	81%	94%	89%	91%	89%	70%	89%	73%	79%	78%
May-20	89%	95%	91%	93%	92%	74%	86%	74%	80%	79%
Jun-20	89%	94%	89%	87%	90%	76%	90%	70%	79%	79%
Jul-20	89%	94%	90%	90%	91%	83%	89%	54%	76%	76%
Aug-20	89%	94%	90%	90%	91%	85%	86%	64%	77%	78%
Sep-20	88%	94%	90%	90%	91%	84%	89%	64%	86%	81%
Oct-20	91%	94%	92%	92%	92%	76%	91%	73%	85%	81%
Nov-20	88%	95%	92%	88%	91%	74%	91%	72%	80%	79%
Dec-20	93%	96%	92%	91%	93%	73%	91%	77%	77%	80%
Jan-21	93%	95%	94%	91%	93%	78%	92%	70%	77%	79%
Feb-21	93%	94%	95%	92%	94%	72%	86%	73%	86%	79%
Mar-21	90%	96%	88%	91%	91%	72%	87%	64%	82%	76%
Apr-21	91%	95%	92%	89%	92%	68%	88%	75%	86%	79%
May-21	91%	95%	90%	89%	91%	83%	89%	69%	87%	82%
Jun-21	93%	96%	92%	91%	93%	80%	89%	67%	90%	82%
Jul-21	90%	94%	92%	91%	92%	82%	87%	76%	88%	83%
Aug-21	92%	95%	92%	93%	93%	82%	90%	71%	89%	83%
24 Month Avg.					92%					81%

Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

Operations (SDF)

As of August 31, 2021

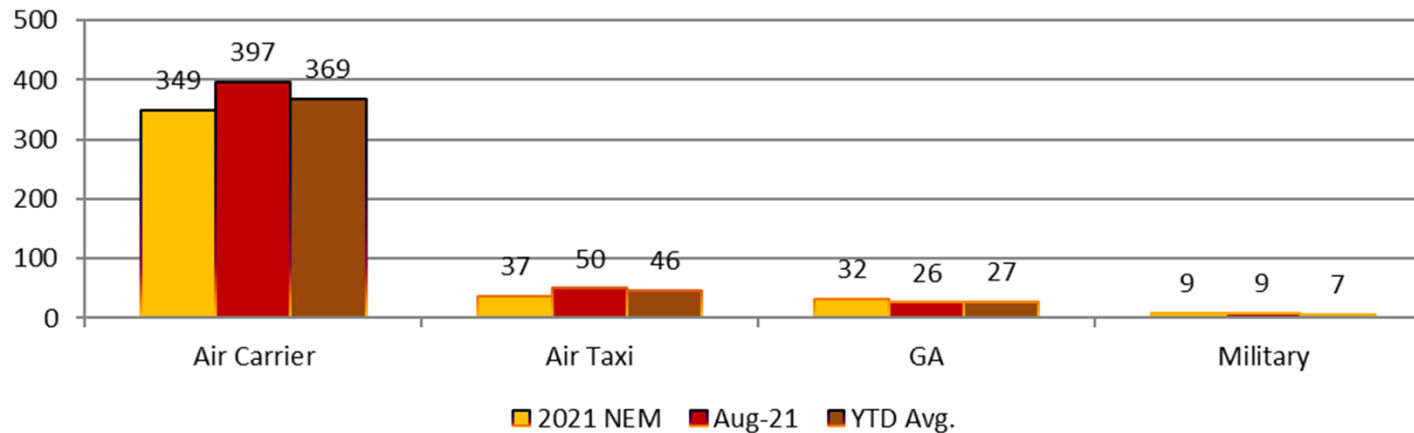


Source: Louisville <http://www.flylouisville.com/regional-airport-authority/reports-and-statistics/>

Operations and Landing (SDF)

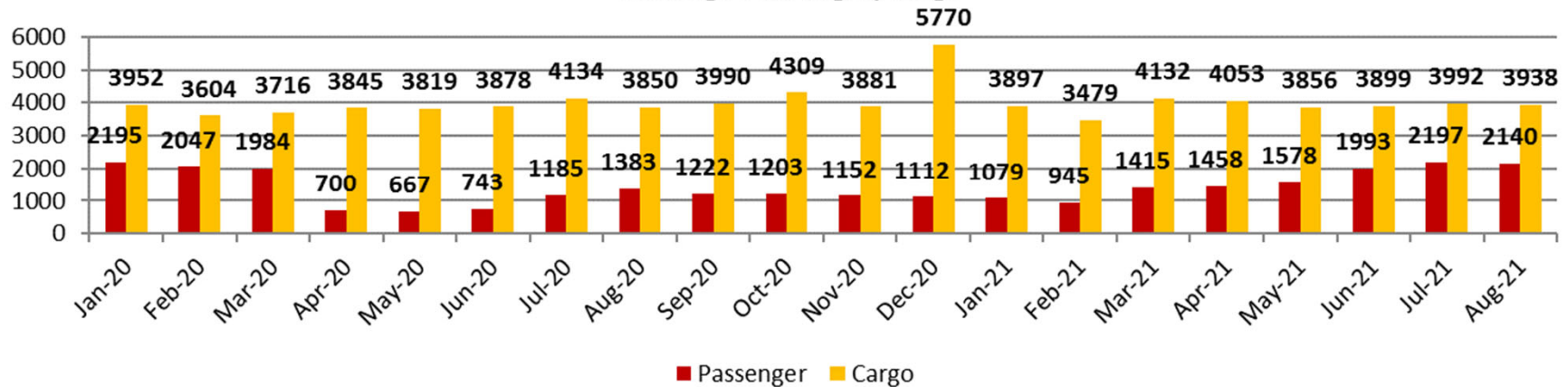
As of August 31, 2021

Average Day Operations by Category

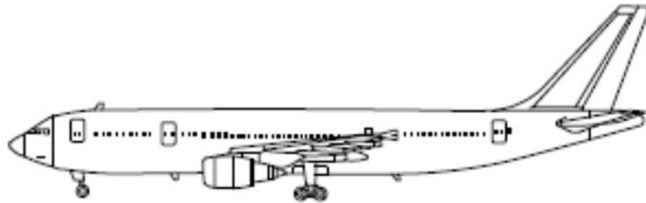


- **Air Carrier.** (AC) Aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds, carrying passengers or cargo for hire or compensation. This includes US and foreign-flagged carriers.
- **Air Taxi.** (AT) Aircraft designed to have a maximum seating capacity of 60 seats or less or a maximum payload capacity of 18,000 pounds or less, carrying passengers or cargo for hire or compensation.
- **General Aviation.** (GA) Takeoffs and landings of all civil aircraft, except for air carriers or air taxis.
- **Military.** (MIL) Operations by all classes of military takeoffs and landings at FAA and FTC facilities.

Landings Passenger/Cargo



Sample Aircraft Types (SDF)



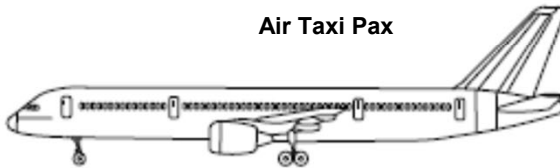
A300
Air Carrier Cargo



B767
Air Carrier Cargo



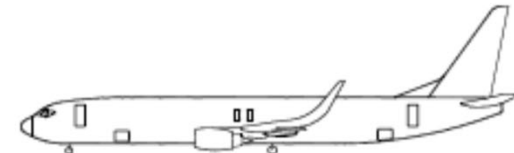
E135/45
Air Taxi Pax



B757
Air Carrier Cargo



MD11
Air Carrier Cargo



B737
Air Carrier Pax



CRJ2
Air Taxi Pax



E170
Air Carrier Pax



MD80
Air Carrier Pax



CRJ9
Air Carrier Pax