

Community Noise Forum
Monday, July 27, 2020
Agenda

- I. Call to order: 6:00 PM

- II. Minutes: May 18, 2020

- III. Noise 101 2.0

- IV. Airspace Project Update

- V. Part 150 NCP
 - A. Noise Insulation Program
 - B. Contraflow Exceptions

- VI. Current Noise Concerns
 - A. Noise Concerns/Complaints
 - B. Runway Utilization
 - C. Construction and Maintenance Activity/Master Plan Update

- VII. Guest Comments

- VIII. Announcements

- IX. Next Meeting: September 21, 2020

- X. Adjournment

COMMUNITY NOISE FORUM (CNF)
Monday, May 18, 2020

Members

John Sistarenik, ANA
John Greathouse, Southwest
Jonathan Bonds, UPS
Aaron Rosenblum, Northeast
Tom Foote, Airline Affairs

Brian Sinnwell, LRAA
Mary Rose Evans, LRAA Board
Bob Slattery, LRAA
Chris Younkin, FAA
Bill Graham, Southwest

Guests

Wendy Harrower, QuiterHome Porgram
Billy Clifford, Brooks
Craig Henderson, Old Louisville

Lisa Willner, State District 35
Crystal Henderson, Old Louisville

- I. **Call to order:** The meeting was called to order at 6:00 p.m. by John Sistarenik.
- II. **Minutes:** The January meeting notes were approved as written.
- III. **Airspace Project Update:** Jonathan Bond updated the group on the current status of the airspace project. The project is proceeding without delays due to the virus. The first round simulator tests for draft procedures will begin in June. This testing is aimed at refining the flyability of the procedures. We will not be able to do an actual flight test of the procedures. However, the concepts discussed will be incorporated into the redesign. It is anticipated the scoping portion of the project will be completed by August. A formal kickoff with FAA community outreach should begin in the fourth quarter of this year or first quarter of next year. The procedures are more fully developed at this point than normal and we could be looking at the procedures being flown in 2022. Mary Rose asked what you are looking at when you fly the procedures in the simulator. Jonathan replied that primarily they are looking to see that the aircraft turns and maintains the ground tracks that are expected as well as ensure that they can actually keep the aircraft higher for longer periods of time.
- IV. **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. Pre-Acoustical testing has been completed for 131 families. 85% of the families tested to date have an interior noise level of 45 dB or greater. Designs are currently being finalized for the first group of 32 families. Due to COVID-19 designs are on currently on hold for 38 additional families. Acoustical testing is also on hold. We are looking at starting backup in June. **UofL** – Construction is complete for first group of 3 building on the University of Louisville Campus (Life Science, Paul B. Lutz Hall and Overseers Honors House). Bids were solicited for the second group of 2 buildings (Ernst Hall

and Interfaith Center) on Sunday March 29th. A bid opening was held on April 19. Two bids were received however, both were determined to be non-responsive. The project will be re-bid in June. Design efforts are currently underway for group 3 (Baptist Student Union). John Sistarenik asked what it means when bids are non-responsive. Bob Slattery replied that it means the bidders did not supply all of the information required in the bids. In this case the bidders did not supply the proper Disadvantaged Business Enterprise (DBE) information. Aaron Rosenblum asked if there was any sense that there may be budgetary impacts on the noise mitigation program due to the current situation. Bob Slattery replied that the budget should be good short term but it is too early to tell what impact there might be long term.

B. Contraflow Exceptions: Contraflow for January was 56% for arrivals from the south and 82% for departures to the south. In February, arrivals from the south were 78% and departures to the south were 43%. In March, arrivals from the south were 65% and departures to the south were 64%. Daily summary's for each month is contained in the handout. Year to date arrivals from the south are 67% and departures to the south are 65%. A monthly summary going back 8 years is included in the handout. Aaron Rosenblum asked if there was a theme in the weather pattern for February that caused so many departures to the north. Bob replied that winds from the north along with snow and rain necessitated the departures to the north. Jonathan Bonds explained how tailwinds and runway conditions impact aircraft performance.

V. Current Noise Concerns:

A. Report on Noise Concerns/Complaints: A total of 6 comments were received in January. In February, a total of 21 comments were received. For March, a total of 11 comments were received. And in April, we received 12 comments. Comments and locations are contained in the handout. In January, March and April all comments were outside the DNL 65 contour.

B. Runway Utilization: Runway utilization percentages for January, February, and March are contained in the handout. Daily runway utilization and comments from the Air Traffic Control Tower are also included in the handout.

C. Construction and Maintenance Activity: Brian Sinnwell reported that there are currently a number of airfield projects ongoing. The annual pavement rehab projects have started and we are currently working on a number of slabs on taxiway "B". One weekend of work has been completed to date on the west runway with several weekends cancelled due to weather. You could expect 7 or 8 additional weekend closures for the west runway. Later this summer work will begin on the east runway. Work on taxiway "G" is also ongoing. **Master Plan Update** – Work on the Master Plan is continuing although there was a slow down due to COVID-19. Current work includes looking at financial feasibility for the work on the airfield. The budget has been greatly impacted by the slowdown in air travel and the Master Plan needs to reflect these sudden changes. Mary Rose said that she is very eager for the group to hear additional

details of the Master Plan and how it will impact operations. She asked that Brian provide those additional details at the next meeting in July. Even if final decisions have not been made it is our responsibility to our neighbors to know those additional details. Brian replied that he would provide additional details at the July meeting.

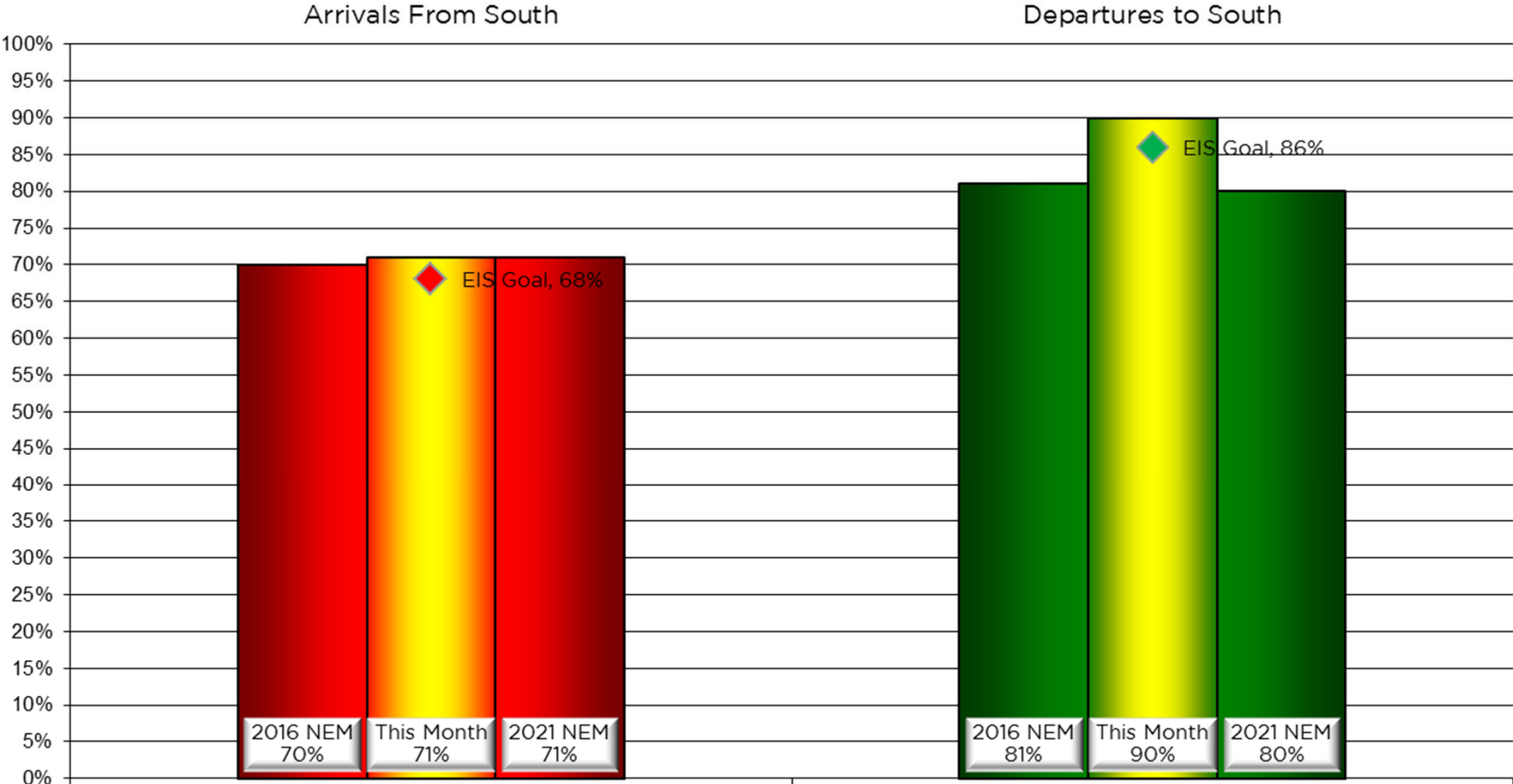
VI. Guest Comments: Mr. Craig Henderson said that it was odd that Old Louisville is not in the area for the QuieterHome Program because he could literally touch the bottom of the aircraft from his house. John Sistarenik explained that the areas are not determined by the altitude of the aircraft but it is based on the noise the aircraft make. The noise levels are calculated using the Day Night Level (DNL) metric which has a 10 dB penalty for nighttime operations. John also discussed the proposal to approve tax credits for residents outside of the DNL 65 that would allow homeowners to sound insulate portions of their homes themselves. Aaron Rosenblum brought up the 2021 NEM on the screen and showed the area that would benefit from the proposed tax credit. Crystal Henderson asked if there were any specific windows of time when the aircraft were not allowed to fly over. Bob Slattery replied that airport operates 24/7 and there are no restrictions or curfews in place. It is federally mandated that the airport cannot restrict the hours in which the aircraft operate.

VII. Announcements: Bob Slattery announced that as part of the FAA's Noise Complaint Initiative. The purpose of which is to identify how the FAA can more efficiently and effectively respond to and address noise complaints in a clear, consistent and repeatable manner that is responsive to the public and applies the best use of FAA resources. The FAA recently went live with their Noise Complaint Portal for the Southern Region. Mary Rose asked Bob how find the portal and Bob said he would send out a link to the site. There have been discussions recently on the Nextdoor application about airport noise and this may be good information for them. John said that he was amazed when looking at the comments on Nextdoor about the general lack of airport information and it may be helpful to refresh the Noise 101 brief the CNF put together and make presentations to community groups. Bob also announced that Section 188 of the FAA Reauthorization Act of 2018 directed the FAA Administrator to “evaluate alternative metrics to the current average day-night level standard, such as the use of actual noise sampling and other methods, to address community airplane noise concerns.” The FAA recently released the report "Study regarding day-night average sound levels" in response to that directive. The report can be downloaded from the FAA's website if you would like to read it. State Representative Lisa Willner thanked Bob for being responsive to the neighbors’ concerns. She is happy to know about the FAA noise portal and will send that information out to her constituents. Also, she is very interested in doing neighborhood education and would like to recommend possibly doing that in a virtual format so people would not have leave their homes.

VIII. Next Meeting: July 27, 2020

IX. Adjournment: A motion was made to adjourn the meeting at 6:51 p.m.

Monthly Contraflow May 1-29, 2020



Nightly Runway Use Summary - May 2020

(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 compliance	Runway#							Unknown Runway Use	Notes / Comments	**in compliance	Runway#							Unknown Runway Use	Notes / Comments		
			11	17L	17R	29	35L	35R					11	17L	17R	29	35L	35R					
05/01/20	Fri	39%			19	42			27	12	0	120-150@5-8kts	96%			38	58			1	3	0	
05/02/20	Sat																						
05/03/20	Sun																						
05/04/20	Mon	0%			34	66					0	050-120@4-11kts,ra	100%			35	65					0	
05/05/20	Tue	97%			1	2			66	31	0		29%			4	25			37	34	0	280-010@4-12kts,ra
05/06/20	Wed	92%			3	5			57	35	0		90%			36	54			5	5	0	
05/07/20	Thu	86%			4	10			55	31	0		90%			36	54			7	3	0	
05/08/20	Fri	95%				5			63	32	0		96%			37	59			3	1	0	
05/09/20	Sat																						
05/10/20	Sun																						
05/11/20	Mon	98%				2			63	35	0		91%			36	55			5	4	0	
05/12/20	Tue	96%			2	2			62	34	0		87%			29	58			8	5	0	
05/13/20	Wed	0%			36	64					0	110-120@3-7kts, dz	100%			37	63					0	
05/14/20	Thu	0%			41	59					0	180-190@8-11kts	100%			41	59					0	
05/15/20	Fri	27%			28	45			18	9	0	100-130@3kts,ra	96%			38	58			1	3	0	
05/16/20	Sat																						
05/17/20	Sun																						
05/18/20	Mon	98%			1	1			60	38	0		87%			36	51			8	5	0	
05/19/20	Tue	97%			2	1			64	33	0		91%			36	55			5	4	0	
05/20/20	Wed	96%				4			62	34	0		91%			34	57			6	3	0	
05/21/20	Thu	98%				2			71	27	0		92%			34	58			5	3	0	
05/22/20	Fri	96%			1	3			64	32	0		94%			41	53			4	2	0	
05/23/20	Sat																						
05/24/20	Sun																						
05/25/20	Mon	92%			2	6			72	20	0		95%			35	60			4	1	0	
05/26/20	Tue	91%			1	8			64	27	0		88%			37	51			6	6	0	
05/27/20	Wed	92%			2	6			60	32	0		88%			40	48			7	5	0	
05/28/20	Thu	0%			37	63					0	180-260@5-12kts,ra	100%			43	57					0	
05/29/20	Fri	95%			2	3			61	34	0		95%			47	48			4	1	0	

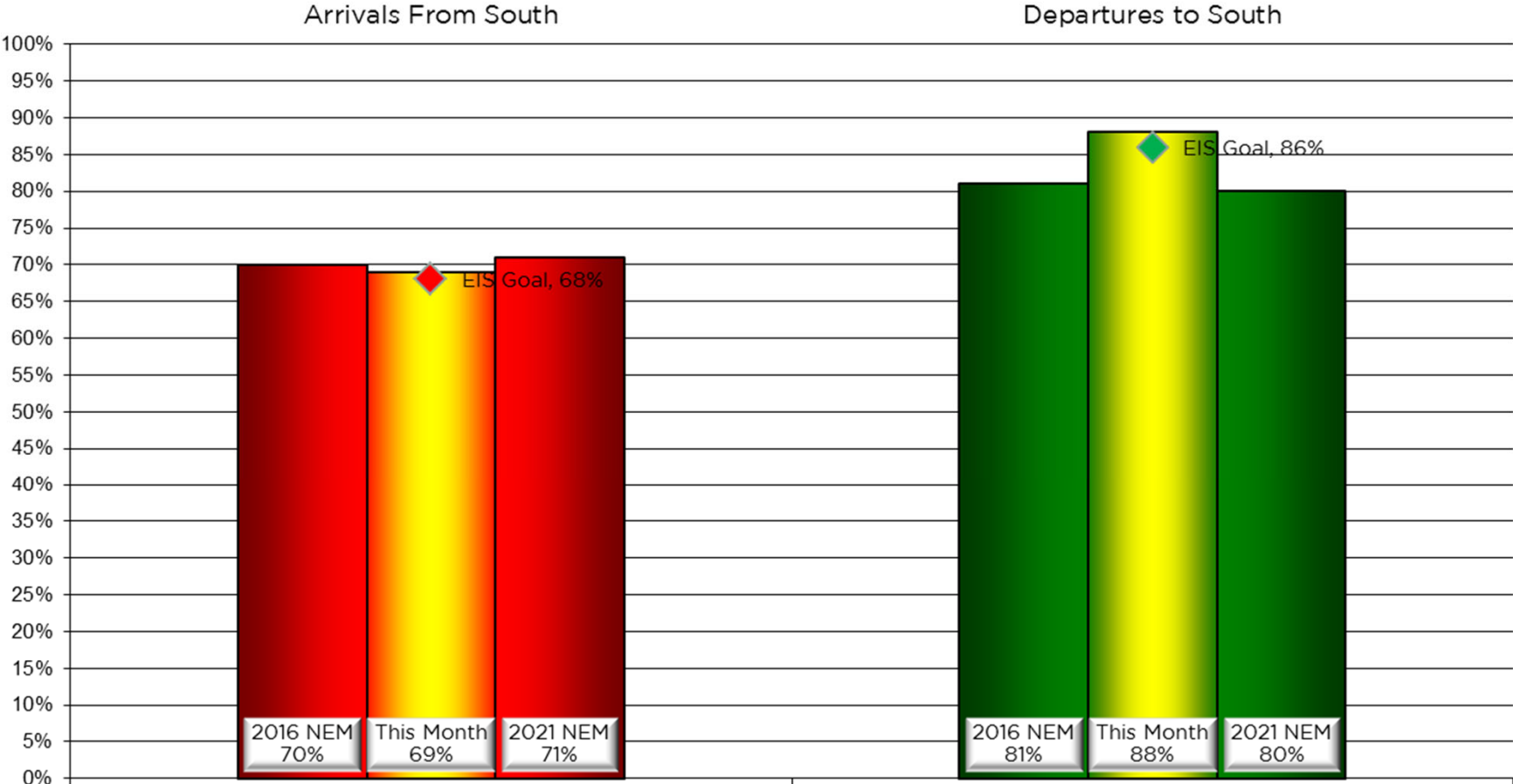
Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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



Monthly Contraflow June 1-30, 2020



Nightly Runway Use Summary - June 2020

(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#						Unknown	Notes / Comments	** in	Runway#						Unknown	Notes / Comments			
		compliance	11	17L	17R	29	35L	35R	Use		compliance	11	17L	17R	29	35L	35R	Use				
06/01/20	Mon	97%			2	1			68	29	0				43	46			7	4	0	
06/02/20	Tue	93%			1	6			64	29	0				43	48			5	4	0	
06/03/20	Wed	88%			3	9			59	29	0				44	45			7	4	0	
06/04/20	Thu	56%			14	30			39	17	0	140-290@4-8kts,ra			43	54			1	2	0	
06/05/20	Fri	93%			2	5			63	30	0				42	53			3	2	0	
06/06/20	Sat																					
06/07/20	Sun																					
06/08/20	Mon	0%			29	71					0	100-120@7-10kts			40	60					0	
06/09/20	Tue	0%			33	67					0	160-190@9-13kts,g21			45	55					0	
06/10/20	Wed	71%			11	18			48	23	0				1	1			56	42	0	250-300@6-14kts
06/11/20	Thu	99%				1			65	34	0				38	51			6	5	0	
06/12/20	Fri	94%			2	4			59	35	0				48	45			4	3	0	
06/13/20	Sat																					
06/14/20	Sun																					
06/15/20	Mon	98%			1	1			66	32	0				35	51			8	6	0	
06/16/20	Tue	98%			1	1			83	15	0				32	48			15	5	0	350-050@4-8kts, ops
06/17/20	Wed	89%			1	10			58	31	0				36	56			4	4	0	
06/18/20	Thu	43%			21	36			28	15	0	140-220@4-12kts			42	51			6	1	0	
06/19/20	Fri	96%			1	3			68	28	0				39	56			4	1	0	
06/20/20	Sat																					
06/21/20	Sun																					
06/22/20	Mon	0%			33	67					0	100-190@4-12kts,g23			41	59					0	
06/23/20	Tue	91%			2	7			58	33	0				41	48			5	6	0	
06/24/20	Wed	94%			3	3			69	25	0				34	54			8	4	0	
06/25/20	Thu	98%				2			68	30	0				39	53			5	3	0	
06/26/20	Fri	0%			32	68					0	200-240@6-13kts,g19			46	54					0	
06/27/20	Sat																					
06/28/20	Sun																					
06/29/20	Mon	36%			23	41			23	13	0	150-340@6-21kts,g27			36	50			11	3	0	
06/30/20	Tue	77%			3	20			52	25	0				40	47			10	3	0	

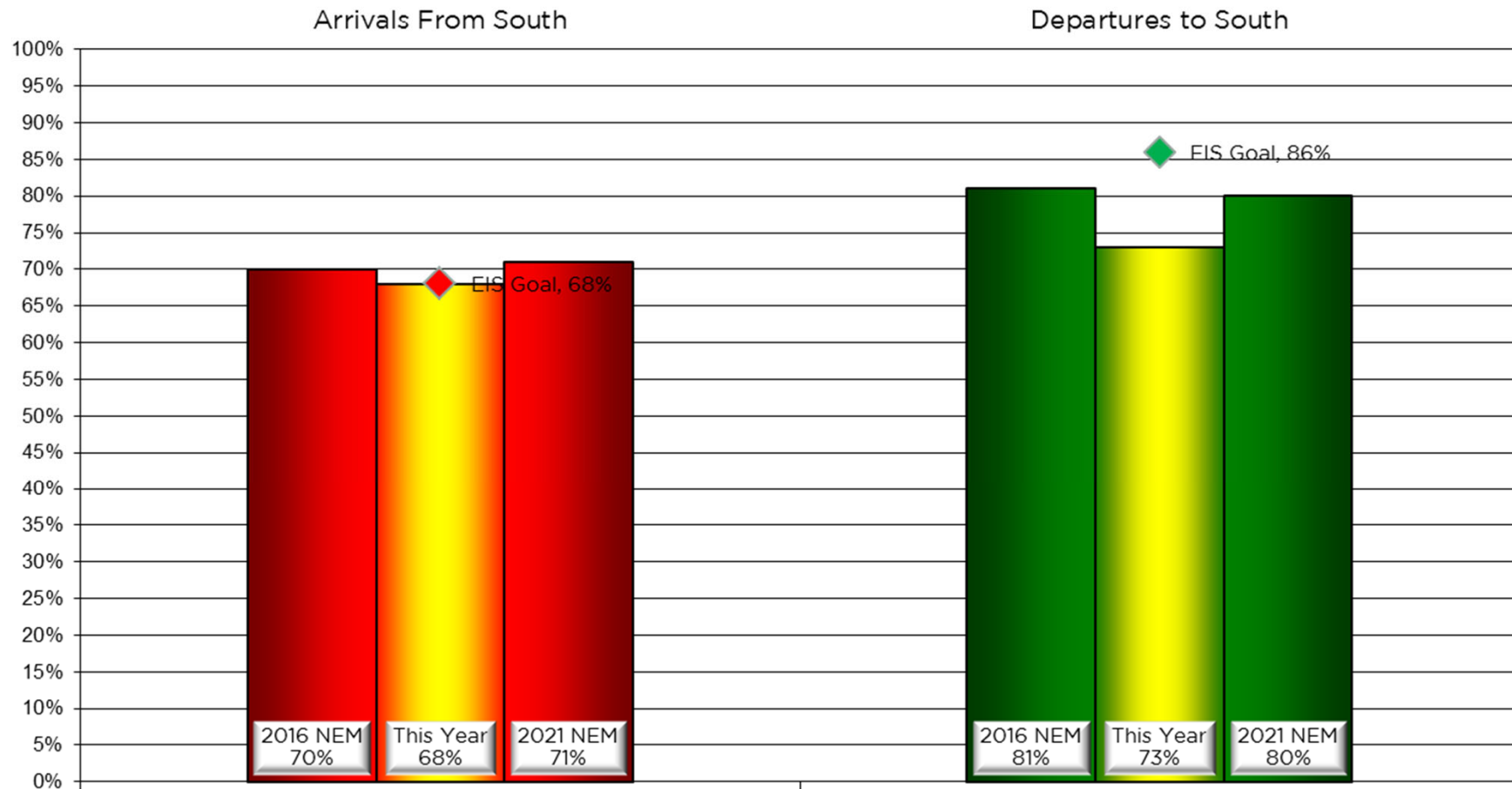
Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

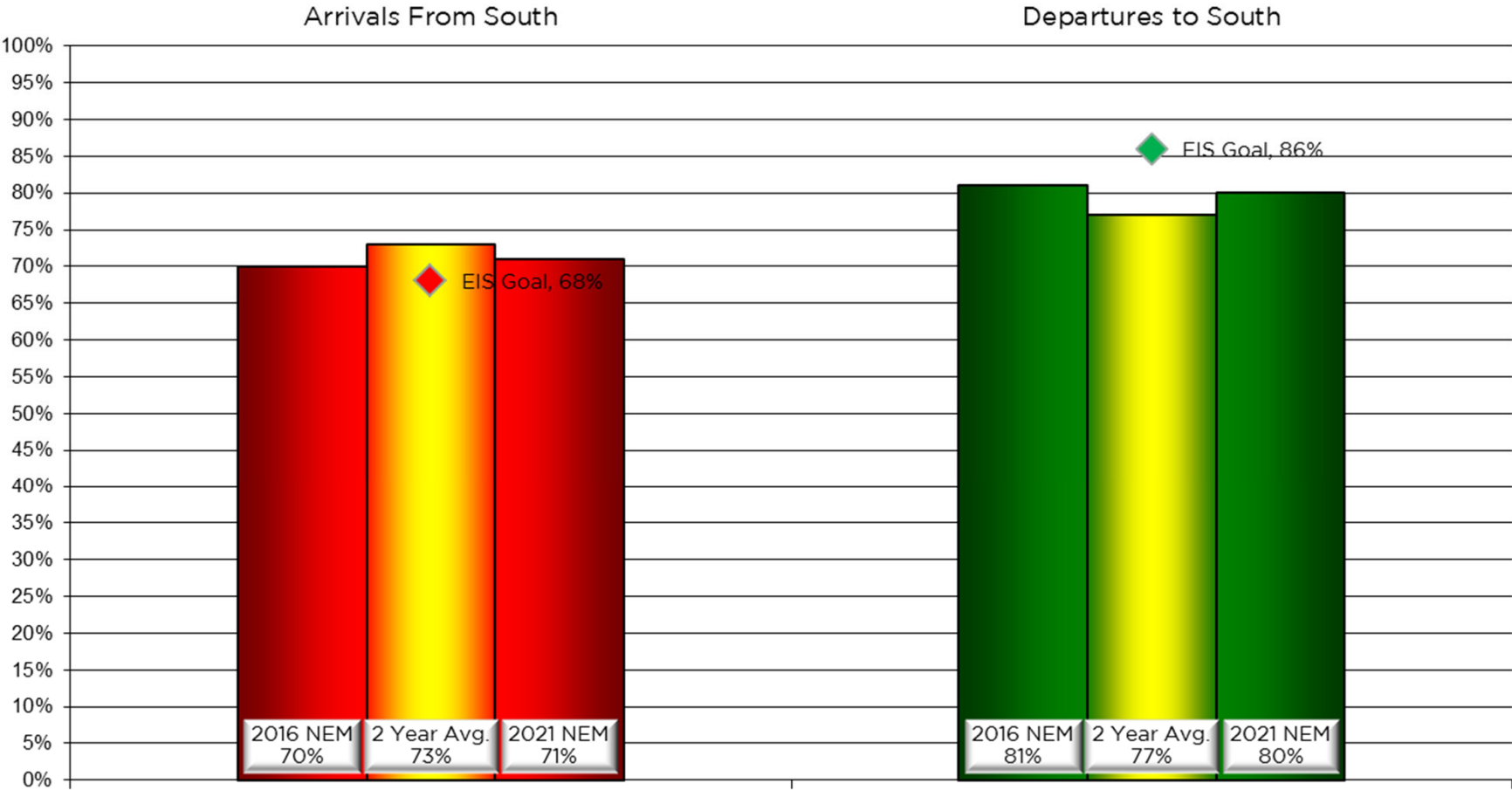
DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow



Contraflow This Year As of July 3, 2020



Contraflow 2 Year Average July 2018 - June 2020



Year-to-Year by Month Percent* Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2013	2014	2015	2016	2017	2018	2019	2020	Avg		2013	2014	2015	2016	2017	2018	2019	2020	Avg
Jan	72%	51%	76%	69%	65%	60%	75%	56%	66%	Jan	65%	81%	76%	69%	61%	72%	69%	82%	72%
Feb	77%	72%	66%	80%	58%	67%	78%	78%	72%	Feb	78%	71%	76%	67%	77%	70%	57%	43%	67%
Mar	87%	60%	71%	63%	79%	84%	82%	65%	74%	Mar	77%	77%	66%	77%	62%	61%	89%	64%	72%
Apr	60%	67%	53%	86%	56%	73%	65%	71%	66%	Apr	89%	83%	77%	73%	80%	72%	82%	69%	78%
May	46%	60%	75%	62%	75%	43%	65%	71%	62%	May	85%	92%	80%	80%	80%	89%	90%	90%	86%
Jun	76%	75%	57%	79%	74%	74%	50%	69%	69%	Jun	80%	91%	91%	83%	93%	91%	91%	88%	89%
Jul	74%	79%	74%	59%	85%	90%	75%		75%	Jul	88%	85%	80%	91%	85%	77%	87%		86%
Aug	84%	61%	86%	76%	79%	72%	88%		74%	Aug	92%	92%	91%	90%	90%	88%	89%		90%
Sep	86%	85%	95%	88%	85%	80%	83%		82%	Sep	87%	86%	73%	93%	31%	87%	77%		78%
Oct	87%	75%	86%	81%	81%	77%	79%		79%	Oct	89%	79%	74%	81%	82%	76%	78%		80%
Nov	73%	78%	59%	74%	69%	76%	70%		73%	Nov	83%	62%	88%	77%	75%	54%	72%		74%
Dec	58%	78%	55%	75%	74%	72%	76%		69%	Dec	71%	68%	79%	62%	74%	61%	72%		69%
Avg	73%	70%	71%	74%	73%	72%	74%	68%		Avg	82%	81%	79%	79%	74%	75%	79%	73%	



NOISE COMMENT REPORT

LOUISVILLE

REGIONAL AIRPORT AUTHORITY



May 2020

Comments (SDF/LOU)

May 2020

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)	2020-05-05 04:19:00	2020-05-05 01:30:00	SDF	Aircraft Too Low	Investigated	Standard	None	At 1:30 this morning planes were going over the house. I guess they are going to do it 24/7. I don't know it is 4:00 a.m. and a big one just went over and woke me up. I don't know what the deal is but it was not as high as the other ones. I know we talked about it and I know they are not getting that high. We will try to find out what the height is at night because they are low.
Holsclaw Hill Rd	40109	SW (60-65)	2020-05-06 03:58:00	2020-05-06 03:45:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	It is 3:58 a.m. about 10 or 15 minutes ago my family got woke up. We have 54 dBs inside the house. The planes are waking us up again. They are a whole lot lower right now with the fog in and they are loud. I know they don't have to come straight over the house but they are.
Gillett AV	40214	SW (60-65)	2020-05-10 17:15:00	2020-05-10 17:15:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	Weather	It is Sunday afternoon and these planes have been going over. They have already woke me up. I went to the bathroom and the windows were rattling. This plane noise is completely out of hand.
UNK	UNK	UNK (UNK)	2020-05-10 22:31:00	2020-05-10 22:31:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	So loud we can't sleep.
Holsclaw Hill Rd	40109	SW (60-65)	2020-05-15 04:52:00	2020-05-15 04:47:00	SDF	Noise At Wrong Time	Investigated	Standard	None	It is 4:47 a.m. the planes woke us up out of bed. Got on average 58 dBs One after another. This has got to change.
S 4th St	40208	NW	2020-05-16 22:23:00	2020-05-16 22:23:00	SDF	Aircraft Too Low	Investigated	Non-Standard	Weather	I would like to complain about the noise from UPS aircraft approaching the airport flying low over downtown Louisville and Old Louisville at night. Could the planes fly at a higher altitude or over a less populated area?

- 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
- This column is used to indicate the conditions which most likely necessitated a deviation from the standard procedures.
- Comments may be edited for space, format, or unrelated content.

Comments (SDF/LOU)

May 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
St James Ct	40208	NW (60-65)	2020-05-18 10:42:00	2020-05-18 10:42:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	There has been so much airport traffic above my home on St James Court lately. I do understand that there is an increase in on-line sales and UPS flights. The planes are coming over my home every 50 -60 seconds or so, for 4-6 hours straight. Who may I speak to about this noise issue?
Holsclaw Hill Rd	40109	SW (60-65)	2020-05-19 05:13:00	2020-05-19 03:40:00	SDF	Noise At Wrong Time	Investigated	Standard	None	It is 5 o'clock in the morning. I have been up since 3:40 a.m. We had a small break and then they started coming over again one after another like they always do. It is not getting better. I know things are supposed to be changing but the decibel readings are 55 inside my house this morning. We have had some very low flights. The concerns are still there about the noise from 3:30 a.m. until 5:00 a.m. By the time I can go back to sleep it is time to start my day.

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Comments (SDF/LOU)

May 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
W Lee St	40208	NW (60-65)	2020-05-16 12:44:00	2020-05-19 11:30:04	SDF	Too Much Noise	Investigated	Non-Standard	Weather	<p>My husband and I have a home on Lee Street in Old Louisville. We have wondered what to do about the unbearably disruptive noise as a result of the UPS planes flying directly over our home. It is so loud that my husband and I have to stop speaking to each other while the planes pass. The planes come and go at all hours, so depending on the day it wakes us up, disrupts our days or prevents us from hearing the television. And forget about enjoying our morning coffee out on the porch or relaxing in our back yard. Due to Covid-19, my husband now works from home and his days are filled with Zoom meetings and the noise is so loud it is impacting his work calls. Aside from the noise pollution, I can't even begin to think about the level of pollution our home and our neighborhood are being dusted with each time a plane passes. We love Louisville, and we love Old Louisville. We find ourselves increasingly disturbed that this is happening not only over our home, but our community as a whole. I understand the great importance of UPS and the value it brings to Louisville, but I don't understand why their presence here is allowed to because of such a negative impact on noise and air pollution of so many residents in this community. Is there any hope at all to have the flight path moved?</p>

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Comments (SDF/LOU)

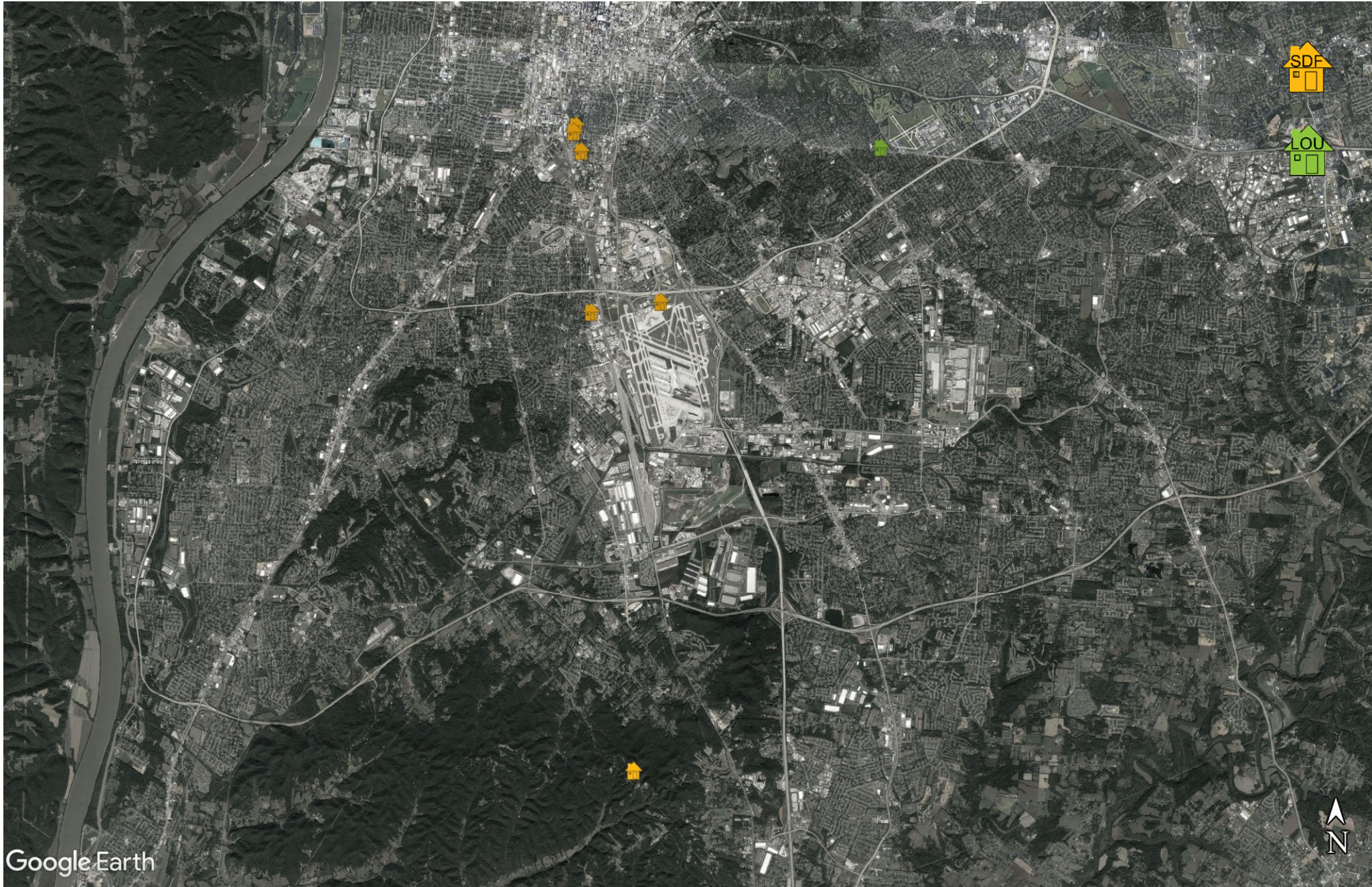
May 2020

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)	2020-05-20 04:40:00	2020-05-20 04:40:00	SDF	Constant Noise	Investigated	Standard	None	I have been awake for a little bit. The planes are going over shaking my house. 65 dBs inside the house. Just trying to go back to sleep. In the daytime the planes come back over so there is not any rest you can get. It is pretty loud here all day every day. When are people expected to sleep with these planes going over all day? It is waking the kids up.
Landor Ave	40205	NE (NA)	2020-05-26 14:21:00	2020-05-26 14:00:00	LOU	Too Much Noise	Investigated	Standard	None	I wanted to log an excessive air traffic noise complaint for Tuesday May 26, 2020 between 2:00 p.m. and 2:19 p.m. EST. There was an unusual amount of continuous activity during this time period much higher than normal levels.
Holsclaw Hill Rd	40109	SW (60-65)	2020-05-27 03:31:00	2020-05-27 02:30:00	SDF	Constant Noise	Investigated	Standard	None	About 2:30 a.m. this morning there was a handful of them going over. They just stopped; I guess they are getting ready to reload. It used to be 3:30 a.m. but now it looks like they are getting closer and closer to being 24/7. That is not good for us up here.
Holsclaw Hill Rd	40109	SW (60-65)	2020-05-29 04:12:00	2020-05-29 02:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	I have been up since 2:00 a.m. this morning. The planes flying over early bombarding the house. I need to know if this is going to be a recurrence at 2:00 a.m. starting with their new flight schedules.
							Received	LRAA	13	

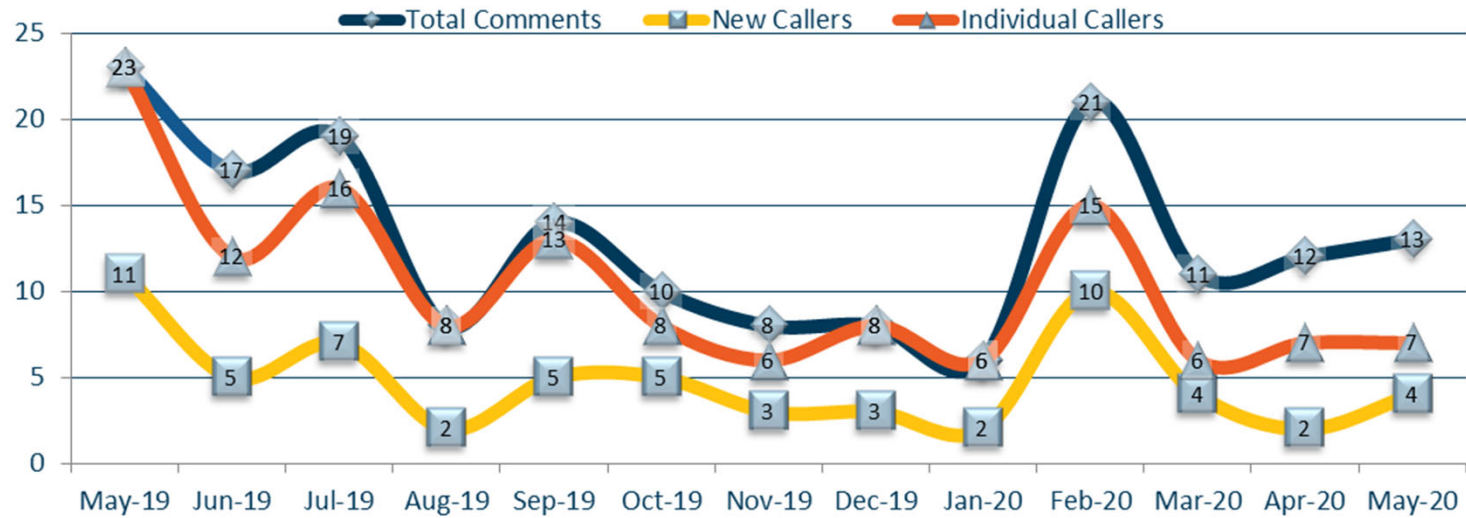
1. **Standard:** Indicates the “Most Preferred” runway configuration was being utilized at the time of the comment.
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Comment Location (SDF/LOU)

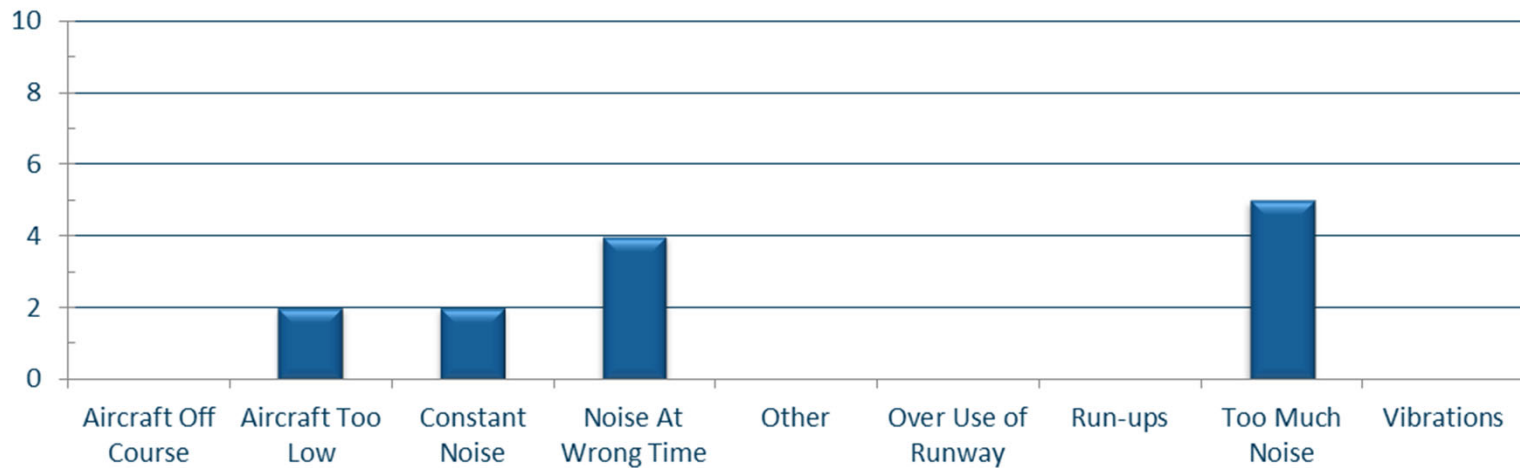
May 2020



New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU) May 2020





NOISE COMMENT REPORT

LOUISVILLE

REGIONAL AIRPORT AUTHORITY



June 2020

Comments (SDF/LOU)

June 2020

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)	2020-06-02 04:07:00	2020-06-02 03:00:00	SDF	Too Much Noise	Investigated	Standard	None	The last one was 63.5 and that was the sixth one this morning. No lie, they are loud. Calling to document it. 63 dB inside the house at about 3 o'clock this morning. One after another. They probably won't stop until about 5:30 a.m. Another early start to the day on Holesclaw Hill Road.
Holsclaw Hill Rd	40109	SW (60-65)	2020-06-04 17:08:00	2020-06-04 17:00:00	SDF	Constant Noise	Investigated	Standard	None	It's 5:00 on Thursday afternoon. I have not had any sleep. The planes are continually going over my house 24/7, there has got to be a break. You have to get these planes off our houses. I cannot even sleep during the day, can't sleep at night, we have no time to rest. We need rest. Do something.
Holsclaw Hill Rd	40109	SW (60-65)	2020-06-05 03:47:00	2020-06-05 03:40:00	SDF	Constant Noise	Investigated	Standard	None	Trying to sleep. It is 3:40 a.m. they are going over shaking the house waking us up. It is about 65 decibels inside the house. Could not sleep all day or all week. Tried to take a nap yesterday. Can't sleep anytime up here anymore.
Greenup RD	40217	NE (<60)	2020-06-08 15:08:00	2020-06-07 16:31:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	None	I have called you several times regarding the endless UPS bombing raids which are actually going on right now non-stop on Sunday. Could you give me a call back? I have called at least 30 times and left you a message. Just wondering why UPS is not flying to the south like they are supposed to be. Really any time but especially on a Sunday.
Bradley Ave	40217	NE (60-65)	2020-06-07 18:04:00	2020-06-07 18:04:00	SDF	Over Use of Runway	Investigated	Non-Standard	None	I have not talked to you in several years. I was wondering if they might be working on a runway or something because it looks like everyone is taking off on the east runway. Seems like a lot of traffic in one place.

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Comments (SDF/LOU)

June 2020

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)	2020-06-10 04:21:00	2020-06-10 04:21:00	SDF	Too Much Noise	Investigated	Standard	None	About 65 dB's in the house. Just calling to make a document.
Greenup RD	40217	NE (<60)	2020-06-11 05:25:00	2020-06-10 23:00:00	SDF	Over Use of Runway	Investigated	Standard	None	I have called you, like I don't know, 7 times in the past 3 months. The UPS bombing raids are going on again tonight. This is like the tenth night in a row. At least half the nights since, at least the last 3 nights they have been going non-stop. It is now 5:28 a.m. non-stop since before midnight. Again why are the UPS bombing raids flying to the north? The weather has not been such for the past 30 days or at least half the days over the last 2 months that UPS has to fly to the north. That's not true I don't believe that. Again, please call me and give me the phone number of someone I can talk to that can do something about this and that is not Bob Slattery don't forward my number to him.
Holsclaw Hill Rd	40109	SW (60-65)	2020-06-12 03:54:00	2020-06-12 03:47:00	SDF	Too Much Noise	Investigated	Standard	None	Billy on top of Holesclaw hill. Low and slow 68 dB inside the house at 3:47 a.m. Several have been over, that one woke us up.

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Comments (SDF/LOU)

June 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Fetter Ave	40217	NE (65+)	2020-06-15 16:08:00	2020-06-14 16:00:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	Weather	Yesterday 6/14/20 around 4:00 p.m. I noticed many airplanes going overhead the opposite direction as usual, instead of landing at Louisville Airport they are taking off. I am seeing them still today, around noon and now around 4 p.m. Is this a regular occurrence now?
Rothbury Ln	40243	SE (<60)	2020-06-15 10:41:00	2020-06-14 16:36:00	LOU	Aircraft Too Low	Investigated	Standard	None	There are propeller planes flying over so close to Douglas Hills neighborhoods they are waking me up during the weekdays. I don't know why they are flying so low but at 5 a.m. it seems someone is taking lessons with a Cessna size plane that early in the morning. Is it possible to monitor and possibly change the flight path if possible.
Milton St	40217	NE (60-65)	2020-06-15 10:01:00	2020-06-15 10:01:00	SDF	Other	Investigated	Standard	None	Is there anything you're working on to limit low flight paths of UPS planes over our district? Alternatively, are there any programs similar to Minneapolis to provide noise reduction in our homes?
E Brandeis Ave	40217	NE (60-65)	2020-06-17 05:27:00	2020-06-17 04:30:00	SDF	Constant Noise	Investigated	Non-Standard	Weather	I'm not sure who to reach out to, but the flight noise over our house seems to be much louder than usual and much more continuous. We see a lot of UPS planes overhead daily. I'm especially having trouble staying asleep after being woken up around 4:30 a.m. Have there been any flight plan changes in the past few months that would make the noise increase so dramatically?

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Comments (SDF/LOU)

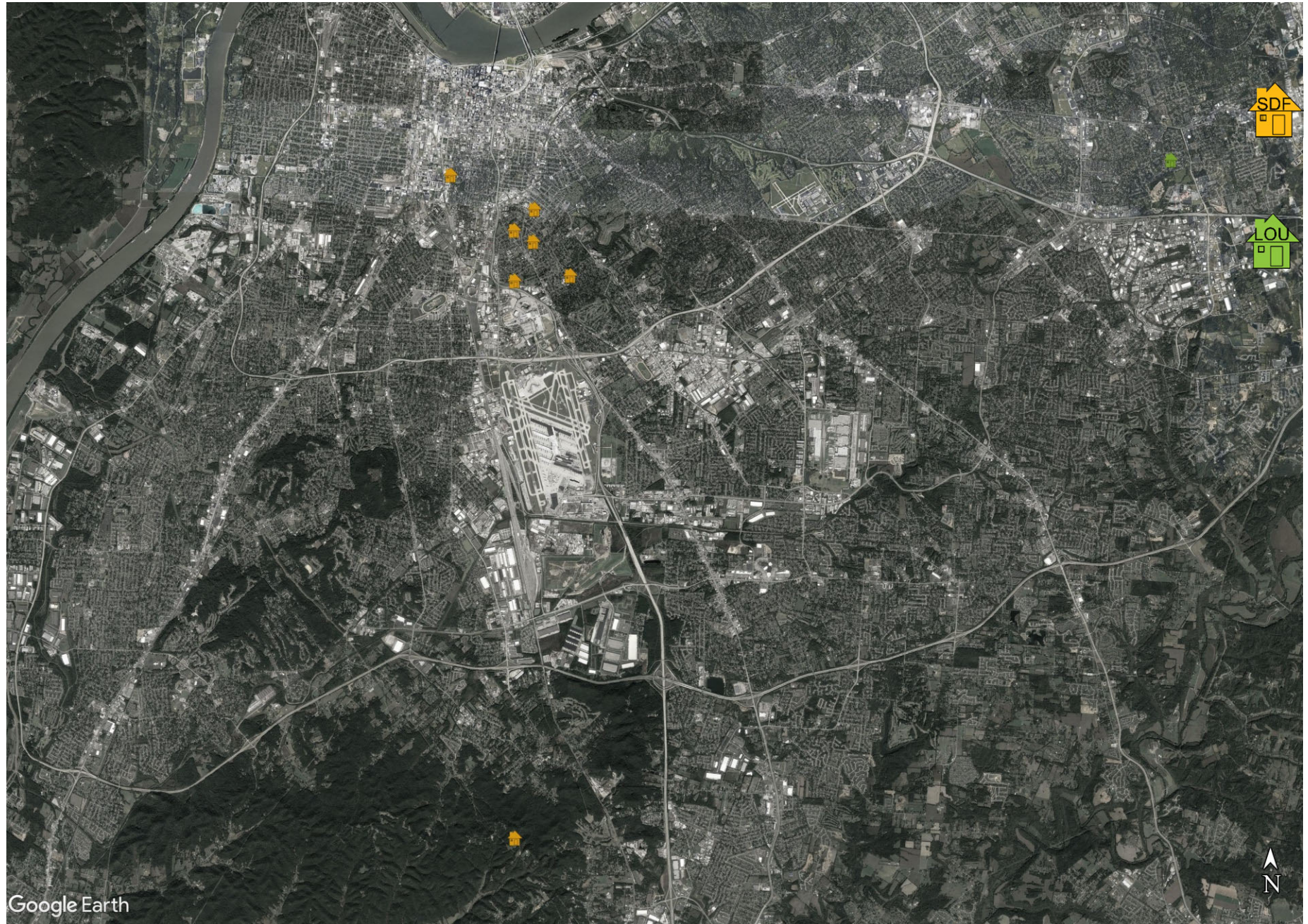
June 2020

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)	2020-06-18 04:00:00	2020-06-18 04:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	It's June 18th a little after 4:00 a.m. Two of your 747's just went over. Probably pushing 5 or 600 hundred feet. 68 decibels inside the house. It has got us all awake again.
Holsclaw Hill Rd	40109	SW (60-65)	2020-06-25 04:21:00	2020-06-25 04:15:00	SDF	Noise At Wrong Time	Investigated	Standard	None	It is 4:15 a.m. Just had one go over our house that shook it and woke us up again. This is an everyday occurrence. Just because I have not called does not mean they are not going over. You know they are. Something has got to give. I had about 62 decibels inside my house.
W. Ormsby	40203	NW (60-65)	2020-07-01 10:00:00	2020-06-30 22:00:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	Weather	I was checking to see if there have been any changes in the flight patterns. It has really been bad lately. June seemed to be especially bad. They came in from the north again last night.
							Received	LRAA	15	

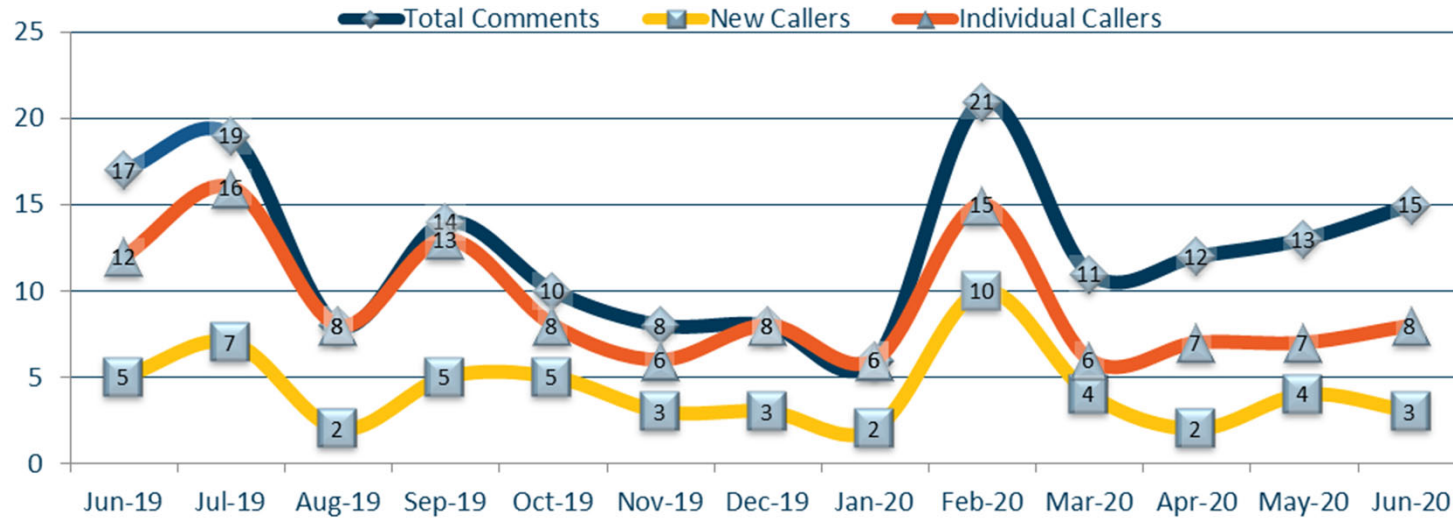
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Comment Location (SDF/LOU)

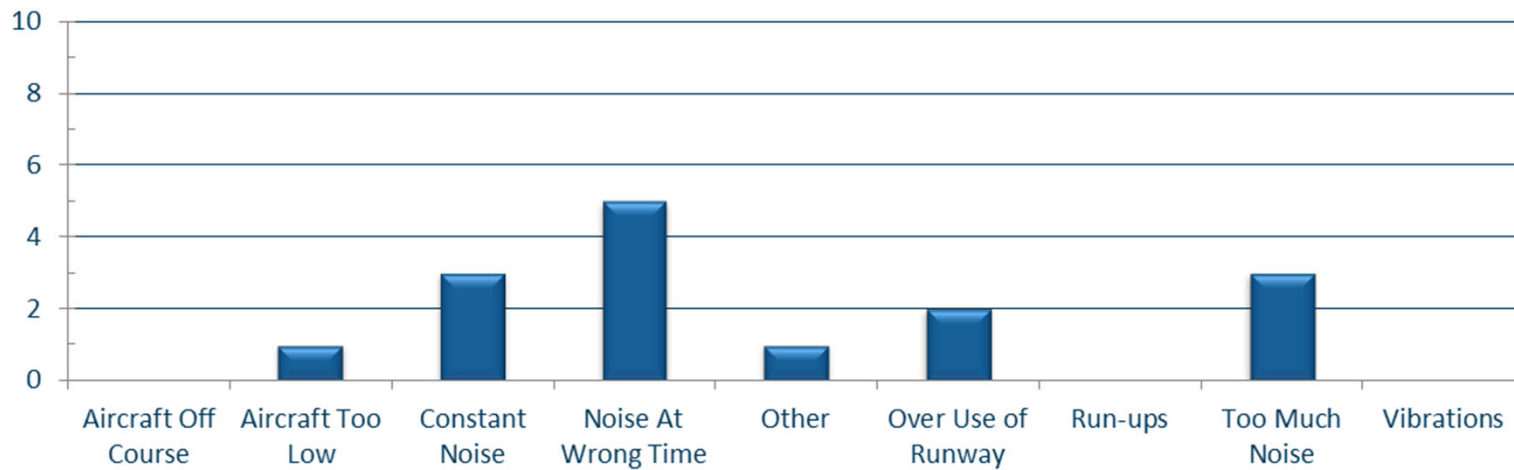
June 2020



New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU) May 2020



Daily Runway Use Uncorrected (SDF) May 2020

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

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

Daily Runway Use (SDF)

Tower Comments May 2020

Day	Date	Time	Comment
fri	1-May-20	0300-0900	REMAINING NORTH FOR UPS OUTBOUND WIND FORCAST 29010 WITH THE WIND AT 2500MSL 34030
fri	1-May-20	1300-2130	REM NORTH FLOW FOR WIND 3309
sat	2-May-20		
sun	3-May-20	2130-0000	NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 28010KT. WET RUNWAYS
mon	4-May-20	0000-0200	WIND 3305. WET RUNWAYS
mon	4-May-20	0930-1030	LATE SWITCH TO NORTH FLOW
mon	4-May-20	1600-0000	WIND 36008KT
tue	5-May-20	0000-0230	STRONG WINDS ABV 2500' OUT OF THE SOUTH EXPECTED FOR THE INBOUND
tue	5-May-20	0930-1230	REMAIN S. FLOW FOR TAXIWAY CLOSURE AND RESTRICTED ROUTES
wed	6-May-20		
thu	7-May-20	0930-1000	LATE SWITCH TO NORTH FLOW
fr	8-May-20		
sat	9-May-20	1830-2130	WIND 35006G15 INITIALLY. LATE SWITCH BACK TO SOUTH FLOW AFTER WINDS SUBSIDED
sun	10-May-20	2300-0000	WIND 300012KT
mon	11-May-20	0000-0200	WIND 300012KT
mon	11-May-20	1930-2130	NO REASON GIVEN
tue	12-May-20	0930-1230	REM SOUTH FLOW DUE TO TWY B BTN B1 AND B2 AND RWY 17L/35R CLOSURE
wed	13-May-20	0930-1230	REMAIN SOUTH FLOW FOR WIND 12011
thu	14-May-20		
fr	15-May-20		
sat	16-May-20		
sun	17-May-20		
mon	18-May-20	1830-2130	REM NORTH FLOW DUE TO WIND 3209, WET RUNWAYS
tue	19-May-20		
wed	20-May-20		
thu	21-May-20		
fri	22-May-20		
sat	23-May-20		
sun	24-May-20		
mon	25-May-20	0930-1230	NO REASON GIVEN
tue	26-May-20	0930-1030	NO REASON GIVEN
wed	27-May-20	0930-1030	REMAIN SOUTH FLOW FOR TWY CLOSURES
thu	28-May-20	1130-1230	REM SOUTH FLOW DUE TO WIND 2011
fri	29-May-20	0930-1230	REM SOUTH FLOW FOR WIND 2111
fri	29-May-20	2100-2130	WIND 31010.
sat	30-May-20	2100-0000	WIND 3509, CIVIL DISTURBANCE DOWNTOWN LOU
sun	31-May-20	0000-1030	REMAINING NORTH DUE TO LAW ENFORCEMENT ACFT OPERATING OVER DOWNTOWN LOU
sun	31-May-20	1830-0000	REMAINING NORTH DUE TO CIVIL DISTURBANCE DOWNTOWN LOU

Daily Runway Use Uncorrected (SDF) June 2020

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

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)

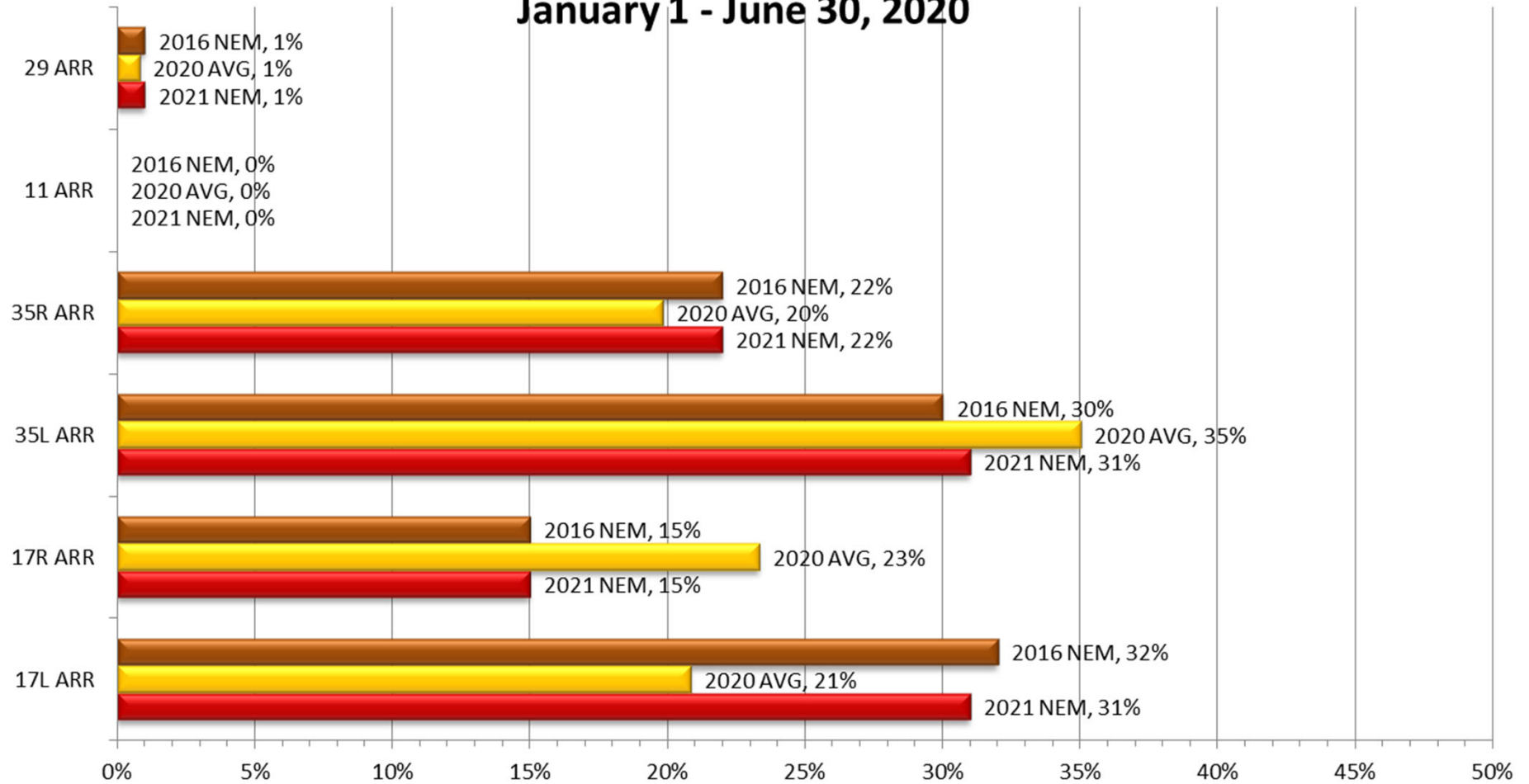
Daily Runway Use (SDF)

Tower Comments June 2020

Day	Date	Time	Comment
mon	1-Jun-20	000-0400	No reason document for North outbound
mon	1-Jun-20	0930-1230	Wind 1609
mon	1-Jun-20	2100-2200	Early switch North to accomadoate LEO Acft over downtown (protest)
tue	2-Jun-20		
wed	3-Jun-20	0930-1230	Remain South for taxiway closures
thu	4-Jun-20		
fri	5-Jun-20	0930-1230	Remain South for taxiway closures
sat	6-Jun-20	1500-1630	Wind variable btn 280-340 8-10kts
sun	7-Jun-20	0000-0230	Wind 0109
sun	7-Jun-20	0430-0730	Wind 0109
sun	7-Jun-20	1430-0000	0508G14
mon	8-Jun-20	0000-0200	Remain North to accommodate LEO Acft over downtown (protest)
tue	9-Jun-20		
wed	10-Jun-20	2000-2130	Wind 2718G30. +TSRA Northwest of SDF
thu	11-Jun-20	0730-0900	Wind aloft @ 2000ft 3313
fri	12-Jun-20	0930-1230	Remain South for taxiway closures
sat	13-Jun-20		
sun	14-Jun-20	0730-0830	Wind 0109
sun	14-Jun-20	2130-0000	Wind 0411
mon	15-Jun-20		
tue	16-Jun-20	0930-1030	Wind 1413
wed	17-Jun-20	2030-2130	0207G14
thu	18-Jun-20	2100-2130	No reason documented
fri	19-Jun-20	1930-2130	Wind initially 3609 then remain North for LEO Acft over downtown (protest)
sat	20-Jun-20		
sun	21-Jun-20		
mon	22-Jun-20		
tue	23-Jun-20		
wed	24-Jun-20		
thu	25-Jun-20		
fri	26-Jun-20		
sat	27-Jun-20		
sun	28-Jun-20		
mon	29-Jun-20	1200-1230	Wind 1408 wet runway from TS in area.
tue	30-Jun-20	0930-1000	Wind variable btn 180-200 7-9kts

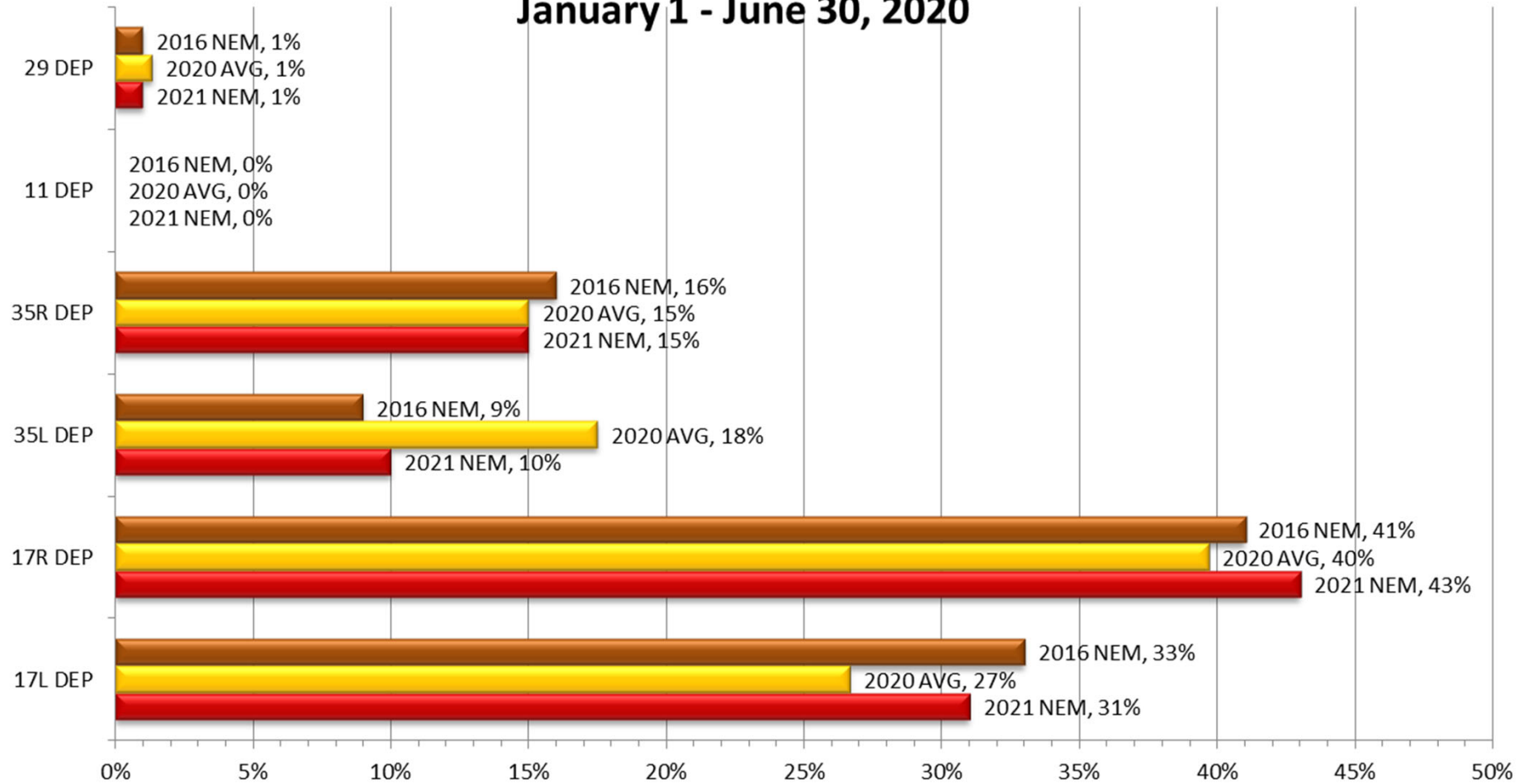
Runway Use (SDF Arrivals)

NEM vs. Actual January 1 - June 30, 2020



Runway Use (SDF Departures)

NEM vs. Actual January 1 - June 30, 2020



Runway Use 0930L-1230L (SDF)

As of June 30, 2020

	Arrival Percentage by Runway							Departure Percentage by Runway								
	11	17L	17R	29	35L	35R	% From South	Arrival Count	11	17L	17R	29	35L	35R	% To North	Departure Count
Jun-18	0	38	17	0	23	22	45	920	0	44	41	0	4	10	14	433
Jul-18	0	10	10	0	48	32	80	884	0	7	11	1	17	65	82	415
Aug-18	0	17	32	0	30	21	51	889	0	18	21	1	3	55	58	387
Sep-18	0	13	24	0	37	25	62	833	1	15	18	2	13	52	65	397
Oct-18	0	16	19	2	37	26	63	1057	0	18	16	3	18	44	62	476
Nov-18	0	19	15	5	37	23	60	1039	0	25	13	6	7	48	55	446
Dec-18	0	24	23	0	33	19	52	1099	0	26	19	1	5	49	54	427
Jan-19	0	13	18	8	38	22	60	946	0	21	14	7	6	51	57	371
Feb-19	0	15	18	0	43	24	67	852	0	24	11	2	18	46	64	344
Mar-19	0	18	18	0	43	20	63	853	0	23	13	2	14	48	62	337
Apr-19	0	22	31	2	27	18	45	941	0	31	22	5	11	31	42	369
May-19	0	25	12	0	37	26	63	1097	0	24	12	1	13	50	63	512
Jun-19	0	28	27	6	17	21	38	925	0	33	23	7	5	31	36	401
Jul-19	0	20	24	0	32	24	56	1033	0	23	20	0	12	46	58	459
Aug-19	0	10	18	0	50	23	73	1013	0	12	11	0	36	48	84	465
Sep-19	0	10	21	0	41	28	69	946	0	9	27	0	18	46	64	470
Oct-19	0	17	17	0	33	32	65	1109	0	18	17	2	22	41	63	499
Nov-19	0	17	27	6	30	20	50	969	0	19	29	4	12	36	48	418
Dec-19	0	17	19	3	39	23	62	1213	0	20	16	3	8	53	61	473
Jan-20	0	18	16	0	46	20	66	1022	0	20	16	0	20	43	63	457
Feb-20	0	10	14	0	60	16	76	899	0	20	11	0	34	34	68	438
Mar-20	0	22	23	4	43	7	50	868	0	33	16	5	27	17	44	359
Apr-20	0	11	36	2	35	15	50	751	0	23	25	5	17	32	49	133
May-20	0	19	41	0	23	17	40	691	0	21	36	0	7	36	43	148
Jun-20	0	23	33	0	28	16	44	875	0	34	24	0	15	28	43	167
Monthly Avg	0	19	20	2	37	22	59	976	0	22	18	3	14	43	57	426

Gate Compliance by Runway

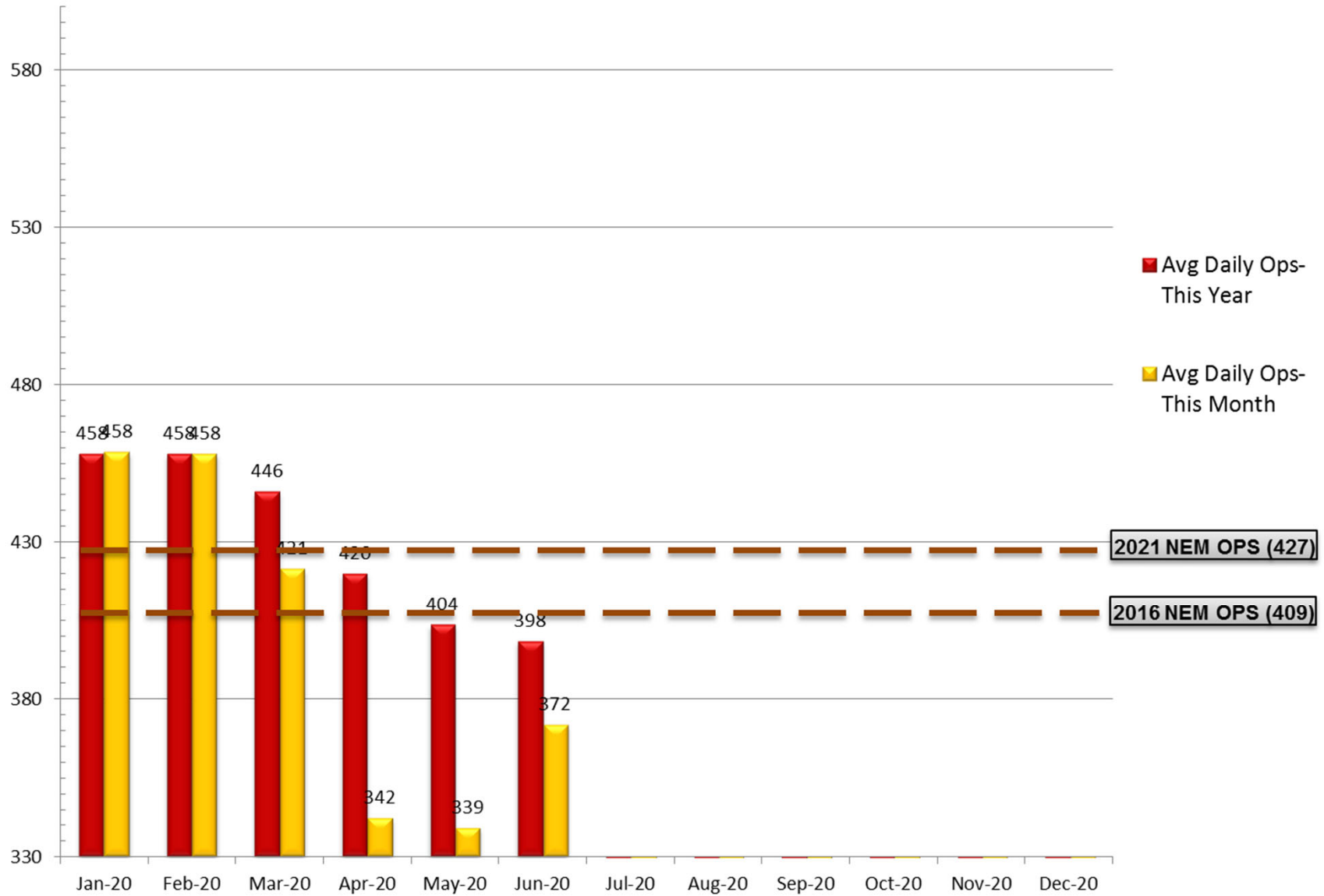
As of June 30, 2020

Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Jul-18	86%	90%	87%	88%	88%	88%	88%	70%	85%	83%
Aug-18	88%	94%	88%	85%	89%	81%	88%	69%	88%	82%
Sep-18	87%	95%	88%	89%	90%	83%	87%	69%	90%	82%
Oct-18	88%	93%	88%	88%	89%	80%	87%	71%	83%	80%
Nov-18	92%	96%	93%	91%	93%	79%	87%	76%	84%	82%
Dec-18	88%	94%	92%	91%	91%	81%	88%	74%	85%	82%
Jan-19	91%	95%	93%	92%	93%	83%	89%	77%	78%	82%
Feb-19	93%	96%	91%	89%	92%	76%	89%	72%	75%	78%
Mar-19	86%	93%	88%	89%	89%	76%	86%	70%	85%	79%
Apr-19	89%	93%	89%	89%	90%	77%	85%	72%	83%	79%
May-19	90%	91%	89%	88%	90%	73%	86%	78%	87%	81%
Jun-19	91%	94%	91%	90%	92%	83%	88%	78%	81%	83%
Jul-19	90%	96%	90%	89%	91%	87%	89%	77%	91%	86%
Aug-19	90%	94%	89%	88%	90%	90%	93%	69%	89%	85%
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%
24 Month Avg.					91%					82%

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

Operations (SDF)

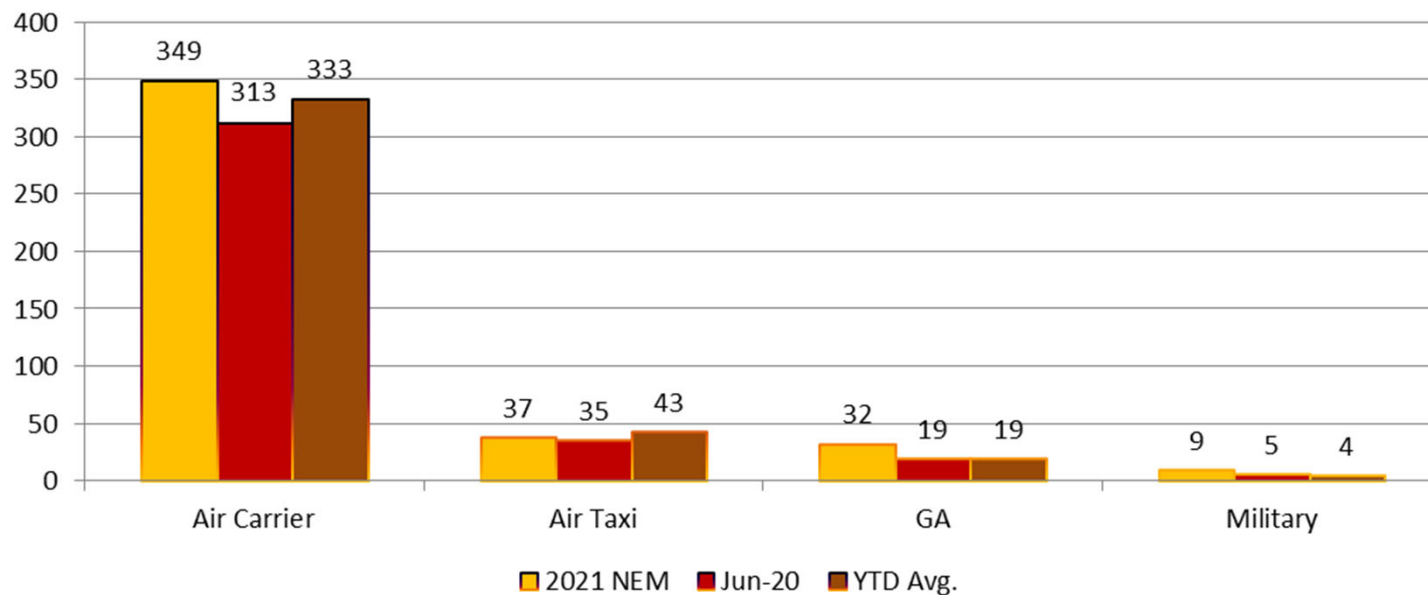
As of June 30, 2020



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

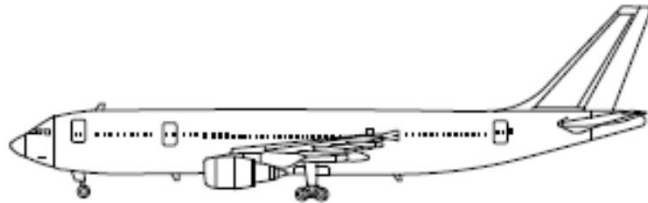
Operations by Aircraft Category (SDF)

As of June 30, 2020



- **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.

Sample Aircraft Types (SDF)



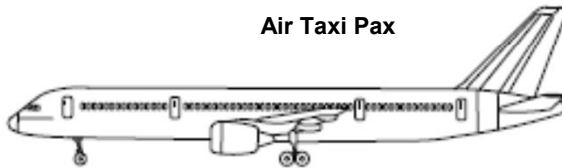
A300
Air Carrier Cargo



B767
Air Carrier Cargo



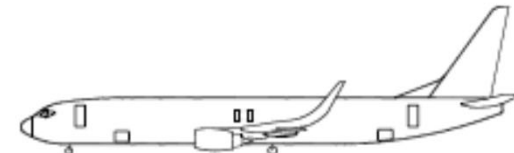
E135/45
Air Taxi Pax



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