

Community Noise Forum
Monday, September 23, 2019
Agenda

- I. Call to order: 6:00 PM
- II. Minutes: July 22, 2019
- III. Part 150 NCP
 - A. Noise Insulation Program
 - B. Contraflow Exceptions
- IV. Current Noise Concerns
 - A. Noise Concerns/Complaints
 - B. Runway Utilization
 - C. Construction and Maintenance Activity
- V. Guest Comments
- VI. Announcements
- VII. Next Meeting: November 25, 2019
- IX. Adjournment

COMMUNITY NOISE FORUM (CNF)

Monday, July 22, 2019

Members

John Sistarenik, ANA
Denny Thompson, Southeast
Tom Foote, Airline Affairs
Bob Slattery, LRAA
Chris Younkin, FAA

Aaron Rosenblum, Northeast
Mary Rose Evans, LRAA Board
Mike Zanone, Northwest
Brian Sinnwell, LRAA

Guests

Don Slocum, Preston Park
Pat Slocum, Preston Park
William Clifford, Brooks
Barbara Woerner, St. Regis Park
Wendy Harrower, C&S
Nick Goldsmith, Wolfe Ave

Rachel Roarx, Metro 21
Peggy Head, Preston Park
Debbie Schreiner, Brooks
Gene Reindel, HMMH
Dan Nalson, Fairdale

- I. **Call to order:** The meeting was called to order at 6:01 p.m. by John Sistarenik.
- II. **Minutes:** The May meeting notes were approved as written.
- III. **FAA Airspace Report:** A project scoping meeting was held in Louisville on July 9, 10, and 11. John Sistarenik, Mary Rose Evans, and Bob Slattery attended the opening session. Bob Slattery attended the majority of the remaining sessions. Much of the information provided by the FAA at the May CNF meeting was covered again in scoping meeting. John Sistarenik gave a presentation on the history of the CNF to the group. There were extensive discussions for much of the meeting which focused on airspace and air traffic control issues well outside of the immediate area. A project kickoff meeting is currently planned for September 24-26 and the tentative location will be the LRAA maintenance facility.
- IV. **Part 150 NCP:**
 - A. **Noise Insulation Program: Residential** – The FAA approved the Area 1 boundary of 549 families northeast of the airport. A copy of the approved boundary map was available for review. Homeowner notifications for Area 1 will begin at Fetter Avenue and proceed north. Once homes north of Fetter Avenue have been completed, we will continue south of Fetter Avenue until all homes in Area 1 have been completed. Acoustical testing for the first group of approximately 81 families will begin on August 12. Every home will be tested and homes with an average interior noise level of 45 dB or greater will be eligible to receive sound insulation treatments. If your homes interior noise is already less than 45 dB homeowners will be offered the option of selling the airport an aviation easement. Homeowner notifications are in progress and the first homeowner workshop will held on Tuesday, July 23.
UofL – No update provided.

- B. Contraflow Exceptions:** Contraflow for May was 65% for arrivals from the south and 90% for departures to the south. In June, arrivals from the south were 50% and departures to the south were 91%. A daily summary for May and June is contained in the handout. Currently, for calendar year 2019 arrivals from the south are 69% and departures to the south are 80%. The 2 year average (July 2017 through June 2019) for contraflow is 73% for arrivals and 76% for departures. A monthly summary going back 8 years is included in the handout.

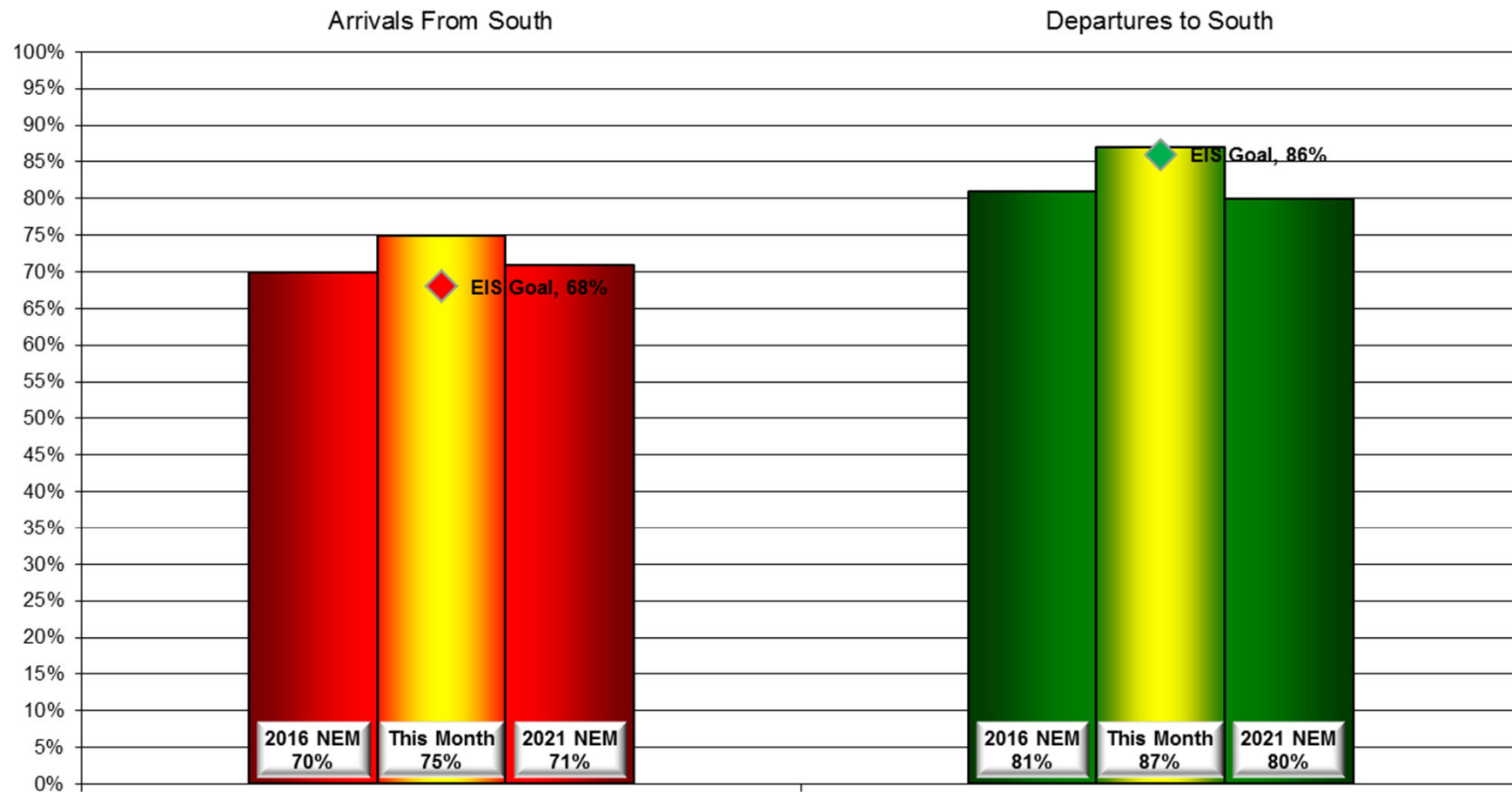
V. Current Noise Concerns:

- A. Report on Noise Concerns/Complaints:** A total of 23 comments were received in May. In June a total of 17 comments were received. Comments and locations are contained in the handout. Bob pointed out that at the end of May and the first of June there was an increase in the number of concerns at Bowman Field. Those concerns were primarily related to touch-and-go operations at night.
- B. Runway Utilization:** Runway utilization percentages for May and June are contained in the handout. Currently, there is an increase of 33 operations per average day as compared to what was forecasted in the Noise Exposure Map Update. 28 of those operations are attributed to smaller air taxi aircraft. These numbers are being monitored closely and extensive operational forecasting will be completed as part of the ongoing Master Plan Update. The airport will take a close look at what that study is projecting for future operations.
- C. Construction and Maintenance Activity:** Brian Sinnwell reported that runway repair work has concentrated primarily on the west runway this spring and summer. This has required multiple weekend closures of the west runway. This should continue for the next 4 to 6 weeks. After that, the pavement repair project will be focused on east side and will require several weekend closures. Mary Rose asked if Brian could provide an update on the status of the Master Plan. Brian said at this point we have concluded the forecasting phase and the forecasts are at FAA for review. A financial capacity analysis is currently underway. We are also in the process of looking at airfield layout work and what type of airfield improvements will need to be made. From that we will move into capital planning and look at the overall planning for the airfield and what may happen in the future as far as new taxiways and other improvements that may be required for efficiency and safety. After that we will begin to look outside the airfield and what may be required as far as connecting highways, roadways, and parking. We are just starting to get into the meat of the update. General public briefings of the project are required by the FAA and anytime Brian and Dan are out in public they are discussing the masterplan. There will be at least one public workshop although that is currently months away. Brian will give a specific update at the next CNF meeting. Mary Rose also asked if there were any updates regarding the questions Edgardo Mansilla of Americana Community Center had at the last CNF meeting. Brian reported that there is nothing that happens west of the airport currently in the Master Plan.

Mr. Mann and Mr. Mansilla had a general discussion on the Master Plan process and he believes this helped to clear up any misunderstandings and that Mr. Mansilla may have had and he now has a better overall understanding of the Master Plan process.

- VI. Guest Comments:** Ms. Debbie Schreiner of Brooks Kentucky commented that at about 11:30 p.m. every night for an hour or hour and a half, and then again at about 3:30 to 5:30 a.m. the planes fly low over my home and sound like they are going to land on my house. They have broken the shelves in my closet in the bedroom more times than I can tell you. She was not previously aware that there was someone at the airport to contact regarding these issues. Bob Slattery explained that contact information is available on the airport website and that he would provide her a business card after the meeting. Bob explained that the primary objective of the Noise Compatibility Program is to conduct as many nighttime operations as possible south of the airport. This has been the case since opening the parallel runways in the late 1990's. John commented that one of the items the CNF is currently working on is proposed state legislation that would establish a refundable tax credit for the cost of mitigating noise from a commercial airport. As currently drafted, this legislation would apply to homes that are within the 60 DNL or higher contour and not eligible for the airport's noise mitigation program. Any support that can be provided for this proposed legislation would be appreciated. Barbara Woerner commented that she lives in St. Regis Park near the intersection of 64 and 264. She has contacted Bob Slattery about the noise from planes at Bowman Field. Normally it seems like the planes take off to the west and turn left. I think today is the first time I have seen them use the north south runway. I think there are some pilot insensitivities going on. The last thing I need is a pilot doing his training just above my tree tops. Bob explained that the procedure at Bowman Field calls for rotating the runways as much as possible based on wind and weather conditions. Flights for the aviation camp were being conducted on the date the comments were received and may have contributed to the noise at that time.
- VII. Announcements:** No announcements.
- VIII. Next Meeting:** September 23, 2019
- IX. Adjournment:** A motion was made to adjourn the meeting at 6:51 p.m.

Monthly Contraflow July 1-31, 2019



Daily Runway Use Summary – July 2019

(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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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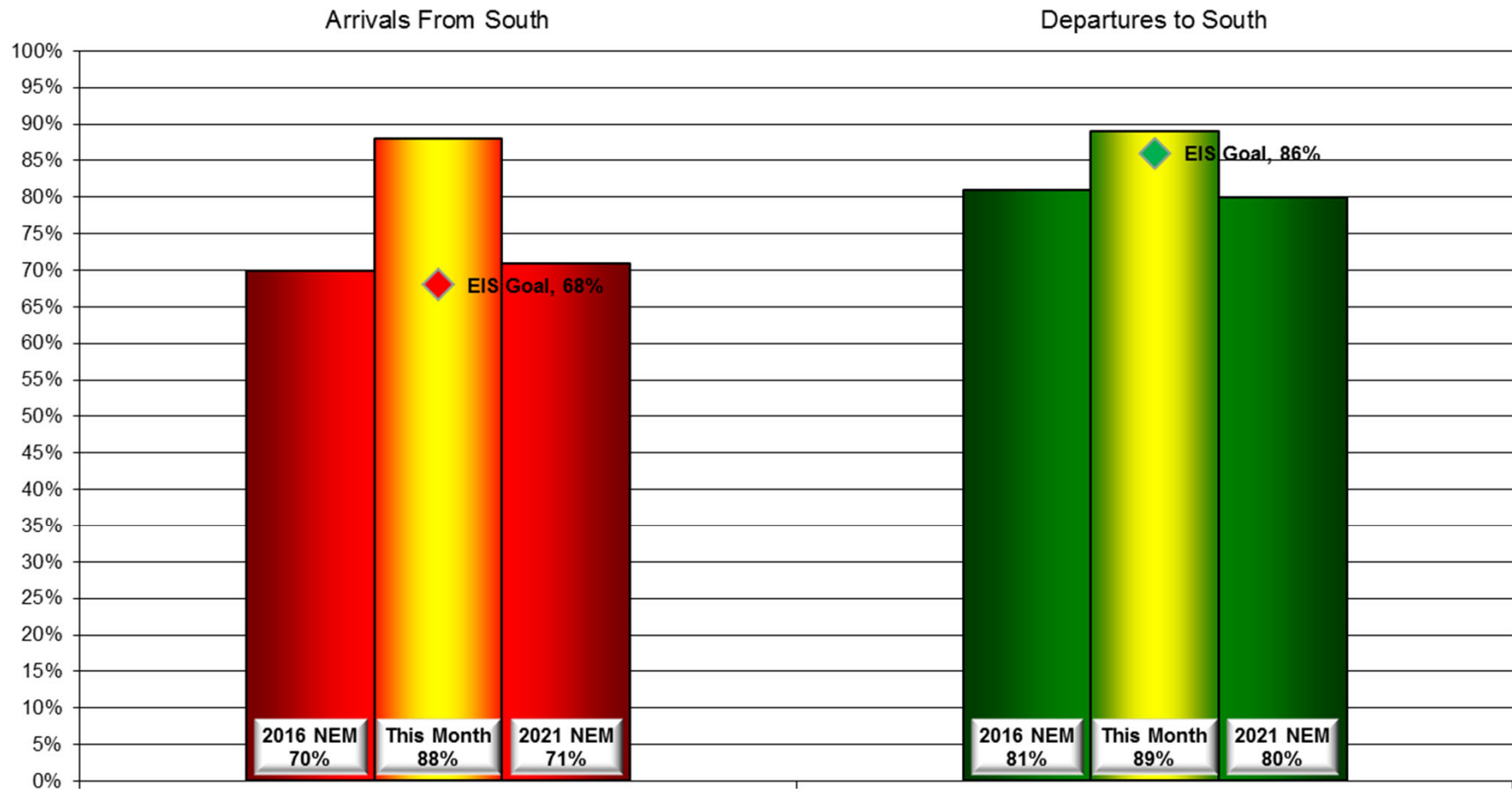
Preferred Flow

DATIS Reported Conditions Indicate
Support for Non-Preferred Flow

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



Monthly Contraflow August 1-30, 2019



Daily Runway Use Summary – August 2019

(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	Unknown										Unknown									
		*in compliance	Runway#						Runway	Notes /	**in compliance	Runway#						Runway	Notes /		
			11	17L	17R	29	35L	35R	Use	Comments			11	17L	17R	29	35L	35R	Use	Comments	
08/01/19	Thu	96%			2	2		55	41	0		85%			39	46		8	7	0	ops
08/02/19	Fri	98%				2		62	36	0		87%			50	37		5	8	0	
08/03/19	Sat																				
08/04/19	Sun																				
08/05/19	Mon	93%			3	4		57	36	0		86%			38	48		8	6	0	
08/06/19	Tue	98%			1	1		61	37	0		91%			36	55		6	3	0	
08/07/19	Wed	95%			2	3		59	36	0		86%			39	47		8	6	0	
08/08/19	Thu	98%				2		60	38	0		92%			39	53		4	4	0	
08/09/19	Fri	96%			2	2		60	36	0		97%			54	43		2	1	0	
08/10/19	Sat																				
08/11/19	Sun																				
08/12/19	Mon	0%			42	58				0	150-180@6-7kts	88%			35	53		8	4	0	
08/13/19	Tue	97%			1	2		58	39	0		91%			40	51		5	4	0	
08/14/19	Wed	96%			1	3		57	39	0		86%			36	50		8	6	0	
08/15/19	Thu	95%			2	3		58	37	0		86%			37	49		9	5	0	
08/16/19	Fri	95%			3	2		61	34	0		89%			43	46		5	6	0	
08/17/19	Sat																				
08/18/19	Sun																				
08/19/19	Mon	96%			3	1		64	32	0		90%			36	54		5	5	0	
08/20/19	Tue	96%			1	3		59	37	0		91%			34	57		4	5	0	
08/21/19	Wed	99%				1		57	42	0		82%			47	35		11	7	0	230-010@4-24kts,g40,ra,ts,
08/22/19	Thu	98%			1	1		57	41	0		93%			35	58		5	2	0	
08/23/19	Fri	98%			1	1		59	39	0		91%			42	49		4	5	0	
08/24/19	Sat																				
08/25/19	Sun																				
08/26/19	Mon	0%			47	53				0	160-180@6-11kts	100%			40	60				0	
08/27/19	Tue	95%			4	1		60	35	0		90%			38	52		5	5	0	
08/28/19	Wed	94%			3	3		56	38	0		84%			34	50		10	6	0	ops
08/29/19	Thu	98%			1	1		59	39	0		89%			37	52		5	6	0	
08/30/19	Fri	98%			1	1		59	39	0		92%			46	46		3	5	0	

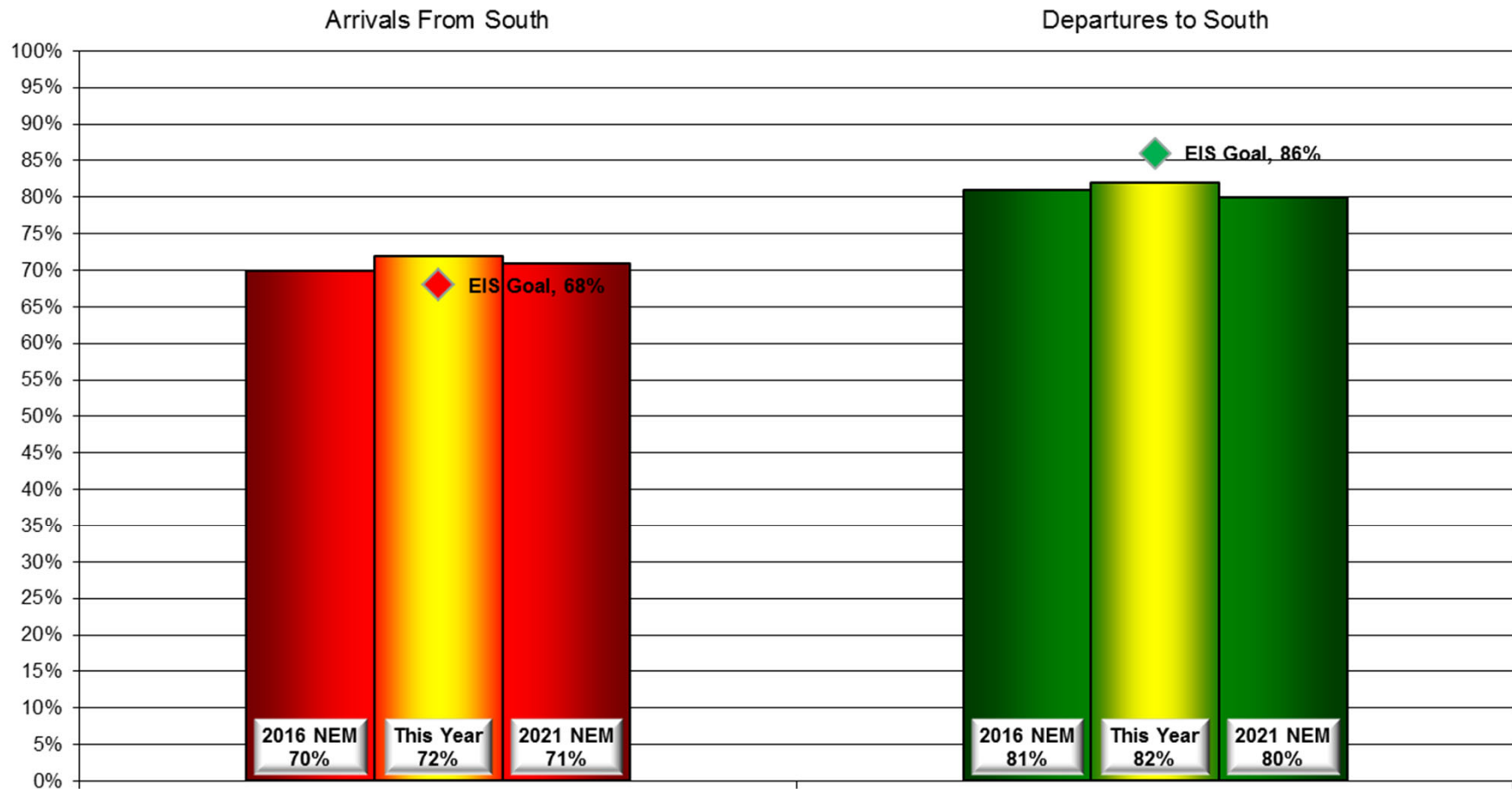
Preferred Flow

DATIS Reported Conditions Indicate
Support for Non-Preferred Flow

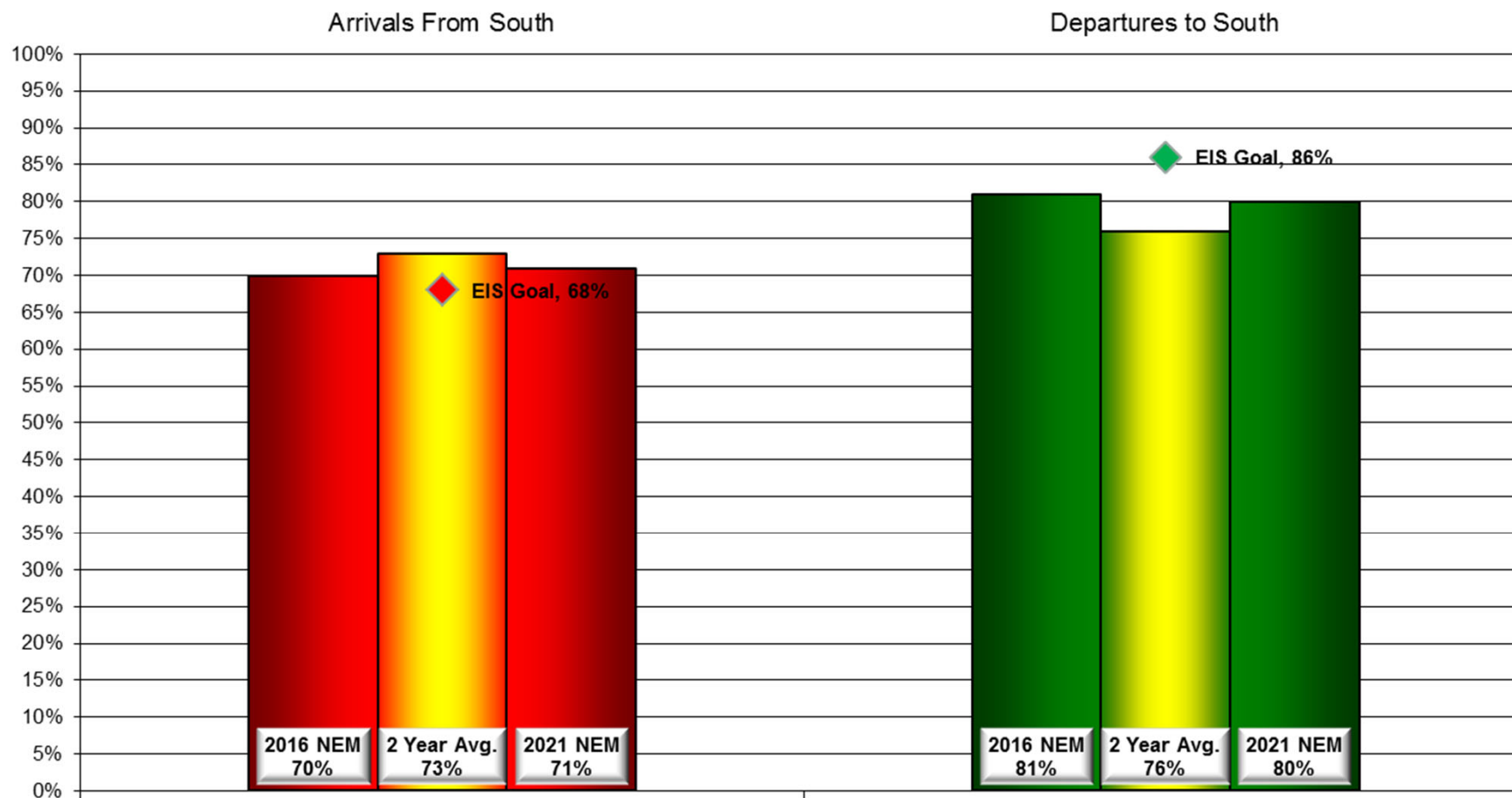
DATIS Reported Conditions Do Not Indicate
Support for Non-Preferred Flow



Contraflow This Year As of August 30, 2019



Contraflow 2 Year Average September 2017 - August 2019



Year-to-Year by Month Percent*

Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2012	2013	2014	2015	2016	2017	2018	2019	Avg		2012	2013	2014	2015	2016	2017	2018	2019	Avg
Jan	62%	72%	51%	76%	69%	65%	60%	75%	66%	Jan	80%	65%	81%	76%	69%	61%	72%	69%	72%
Feb	69%	77%	72%	66%	80%	58%	67%	78%	70%	Feb	74%	78%	71%	76%	67%	77%	70%	57%	72%
Mar	61%	87%	60%	71%	63%	79%	84%	82%	73%	Mar	96%	77%	77%	66%	77%	62%	61%	89%	76%
Apr	78%	60%	67%	53%	86%	56%	73%	65%	67%	Apr	76%	89%	83%	77%	73%	80%	72%	82%	79%
May	72%	46%	60%	75%	62%	75%	43%	65%	62%	May	81%	85%	92%	80%	80%	80%	89%	90%	85%
Jun	79%	76%	75%	57%	79%	74%	74%	50%	71%	Jun	87%	80%	91%	91%	83%	93%	91%	91%	88%
Jul	62%	74%	79%	74%	59%	85%	90%	75%	75%	Jul	92%	88%	85%	80%	91%	85%	77%	87%	86%
Aug	49%	84%	61%	86%	76%	79%	72%	88%	74%	Aug	91%	92%	92%	91%	90%	90%	88%	89%	90%
Sep	55%	86%	85%	95%	88%	85%	80%		82%	Sep	92%	87%	86%	73%	93%	31%	87%		77%
Oct	62%	87%	75%	86%	81%	81%	77%		80%	Oct	78%	89%	79%	74%	81%	82%	76%		78%
Nov	84%	73%	78%	59%	74%	69%	76%		71%	Nov	81%	83%	62%	88%	77%	75%	54%		74%
Dec	64%	58%	78%	55%	75%	74%	72%		68%	Dec	67%	71%	68%	79%	62%	74%	61%		71%
Avg	66%	73%	70%	71%	74%	73%	72%	72%		Avg	83%	82%	81%	79%	79%	74%	75%	82%	

NOISE COMMENT REPORT



Comments (SDF/LOU)

July 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Texas Ave	40217	NE (65+)	2019-07-01 07:41:00	2019-07-01 07:41:00	SDF	Other	Investigated	Standard	None	I own a home in Germantown/Schnitzelburg and it has recently come to my attention that it may be in a zone qualifying for a QuieterHome Program. (Not sure of the exact title). I attempted to view the 2021 map on my cell phone, but had compatibility issues doing so and was unable to view. Would you please send me the 2021 map in PDF? Are you aware if my address is in a qualifying zone?
Milton St	40217	NE (<60)	2019-07-01 11:39:00	2019-07-01 11:39:00	SDF	Other	Investigated	Standard	None	I live on Milton and I am calling about the QuieterHome Program.
E Brandeis Ave	40217	NE (60-65)	2019-07-07 12:20:00	2019-07-07 12:20:00	SDF	Other	Investigated	Standard	None	I am looking for info about whether our properties are within the zone for getting help keeping out airplane noise.
Holsclaw Hill Rd	40109	SW (60-65)	2019-07-10 12:18:00	2019-07-10 03:00:00	SDF	Too Much Noise	Investigated	Standard	None	Any news on the new flight pattern? It was another rough night here. I know you hear this all the time, but I really wish there were restrictions on the time of day we would have to tolerate the 80 decibel 2,000 ft. above the house. No other company/individual would be able to make that much noise at 3:00 a.m. and get away with it 6 out of 7 days per week. Is there someone besides you that I should contact? I mean, I know you can only do so much and the "Average" is being met. It just still feels so wrong that I would need to move far away to get away from the 3:00 a.m. noise factor.

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 2019

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)	2019-07-11 10:22:00	2019-07-11 10:22:00	SDF	Too Much Noise	Investigated	Standard	None	Yesterday I left a message with the FAA (noise complaint option). I received a call back this morning. I have explained to the FAA that I have been in contact with you and that you have gone above and beyond to help us. I let her know that you did a recent study of the noise level and plan to do another study after the slight change in flight pattern. I don't want you to think that we don't appreciate you because we DO! I just wanted to let you know in the event the FAA reaches out to you re: our noise complaint. I was told that the flight times are up to the airport not the FAA. Please let me know if there is someone else that I should be contacting. Have a great day Sir and thank you for all you do.
Fetter Ave	40217	NE (60-65)	2019-07-12 16:02:00	2019-07-12 16:02:00	SDF	Other	Investigated	Non-Standard	None	I live on Fetter Avenue (which is a very noisy place) and it looks like my address may be in the zone for testing on the map, but I haven't received a letter about it. Can you help?
English Ave	40217	NE (<60)	2019-07-12 16:37:00	2019-07-12 16:37:00	SDF	Other	Investigated	Non-Standard	None	It looks like my husband and I are on the list for soundproofing but have not received information. What should we do?
S Shelby St	40217	NE (60-65)	2019-07-15 14:29:00	2019-07-15 09:50:00	SDF	Other	Investigated	Standard	None	I am checking to see if I am in the area for the airport noise solution.
E Wheatmore Dr	40215	NW (<60)	2019-07-15 10:17:00	2019-07-15 10:17:00	SDF	Other	Investigated	Standard	None	I am calling about the light or whatever it is up in the sky.

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Comments (SDF/LOU)

July 2019

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. Ormsby	40203	NW (60-65)	2019-07-17 22:54:00	2019-07-17 22:54:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	Weather	We have airplanes again and this is the third night in a row. Tonight, I can see no wind at all. Maybe there is a slight breeze but I bet if I got up on my roof and put a fan up there and blew it in the other direction it would take care of it. Seems to me we are flying planes in again when we don't have to be.
Aintree Way	40220	NE (NA)	2019-07-18 14:00:00	2019-07-18 14:00:00	LOU	Constant Noise	Investigated	Standard	None	I contacted you a few weeks ago about numerous low-flying propeller planes around Hikes Point, DuPont areas & even at times around my house in St Regis Park. You said perhaps it was related to one runway being closed during the week due to construction work. That indeed appears to be a big reason for the sudden abundance of planes south & east of Bowman Field. It has had a huge impact on me personally. The annoyance from the low flying propeller planes has kept me from going to parks near my house (Draut Park, Brown Park), kept me from enjoying the outdoor pool at Breckenridge Inn (I swim there year round) & brought on anxiety & depression because I can't enjoy spending time outside without feeling like at any minute I'm going to have to deal with a low flying propeller plane passing over....again & again... Hence I'm an outdoors nature lover who feels like I've been relegated to staying indoors because I can't cope with the irritating noise. For some reason there are planes presumably practicing "touch & go" that have a "standard flight path" over the same area, often same streets (Goldsmith Ln), again...& again... & again... This I think shows pilot insensitivity & certainly goes against Bowman Field's attempt to "be a good neighbor".

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Comments (SDF/LOU)

July 2019

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W. Ormsby	40203	NW (60-65)	2019-07-18 22:24:00	2019-07-18 22:24:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	None	We are having planes going over pretty much tail to tip. Looking at the tops of my trees, I am not seeing much wind to speak of. I would like to know why we keep getting all of these airplanes with so little airflow. Seems to me like this is not necessary. I can't imagine how the people at the Kentucky Shakespeare must be doing. How you can have a play with all of these overflights I don't know.
Wildwood Dr	47129	SI (<60)	2019-07-19 13:09:00	2019-07-19 13:09:00	SDF	Over Use of Runway	Investigated	Standard	None	Have called you many times. Sometimes the plane noise is virtually absent and I appreciate that. Today however it is virtually nonstop. I am just wondering if there are special circumstances that could account for the abnormally high number of flights that are continuous, nonstop, and all day long. Big picture, if that traffic could possibly be shifted our neighbors would appreciate that. There is a large commercial corridor in Clarksville and the planes could go right over that and not be more than 100 yards of the current path. It would really spare the residential neighborhoods this obnoxious nonstop noise on days like today.
S 4th St	40208	NW (60-65)	2019-07-19 18:59:00	2019-07-19 18:59:00	SDF	Noise At Wrong Time	Investigated	Standard	None	Please!! When Kentucky Shakespeare has performances in Central Park, PLEASE have arrivals land on the eastern runway instead of flying LOW over this wonderful jewel of our city and state! Performances are Tues - Sat in the summer from 8 until 11:00p.m. Audiences can hear nothing but jet when a plane lands on the west runway. Please!!!

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Comments (SDF/LOU)

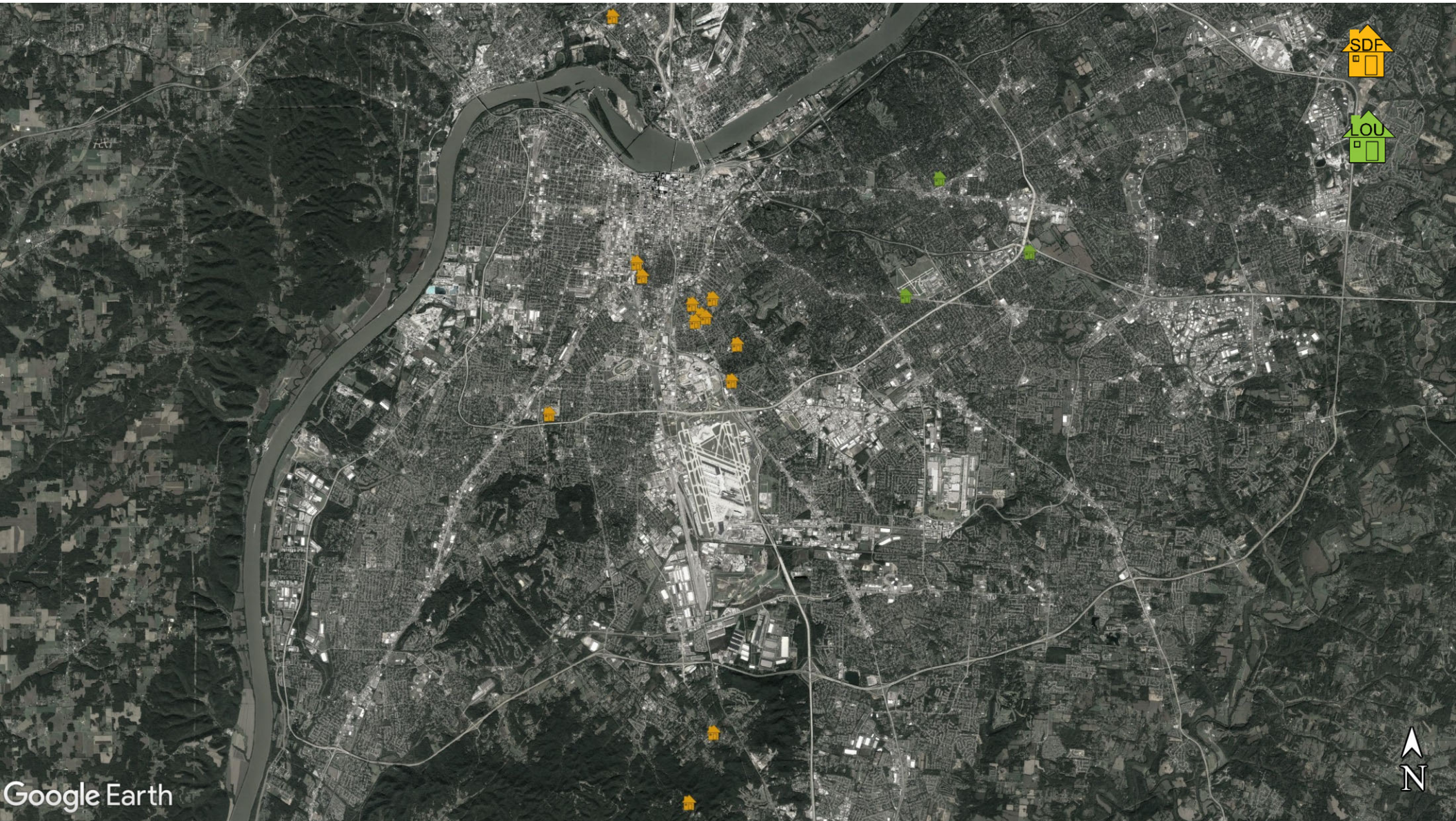
July 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Cherry Ln	40118	SW (60-65)	2019-07-24 11:37:00	2019-07-24 07:00:00	SDF	Aircraft Too Low	Investigated	Standard	None	I am calling about the low flying airplanes that come over National Turnpike and Mount Holley Road. One came over early this morning and I was standing on the porch and if the airplane had not been at such an odd angle I could have read the letters on the plane. A UPS plane of course. They have been coming over really low. I told my husband that they cannot even be 600 feet.
St Matthews Ave	40207	NE (NA)	2019-07-29 07:19:00	2019-07-27 06:00:00	LOU	Noise At Wrong Time	Investigated	Non-Standard	Ops	I would like to contact someone about a single engine piston aircraft at Bowman Field that takes off from your field at 6:00 in the morning on clear days. It is just incredibly loud over in the Saint Matthews area. I do want to report this. This is way too early for a single engine piston to running that way. I am in the Saint Matthews area and this plane has been buzzing us since 6:00 a.m.
Fayette Ave	40213	NE (60-65)	2019-07-29 11:16:00	2019-07-29 11:16:00	SDF	Other	Investigated	Standard	None	It has been awhile since I have emailed any new updates because the flight pattern comes directly over where Fayette and Union joins when taking off!
Taylorsville Rd	40205	NE (NA)	2019-08-01 13:57:19	2019-07-31 06:27:00	LOU	Noise At Wrong Time	Investigated	Non-Standard	Ops	Aircraft doing touch-and-go's prior to tower opening.
Taylorsville Rd	40205	NE (NA)	2019-08-01 14:17:50	2019-07-31 06:45:00	LOU	Noise At Wrong Time	Investigated	Non-Standard	Ops	Aircraft doing touch-and-go's prior to tower opening.
							Received	LRAA	19	

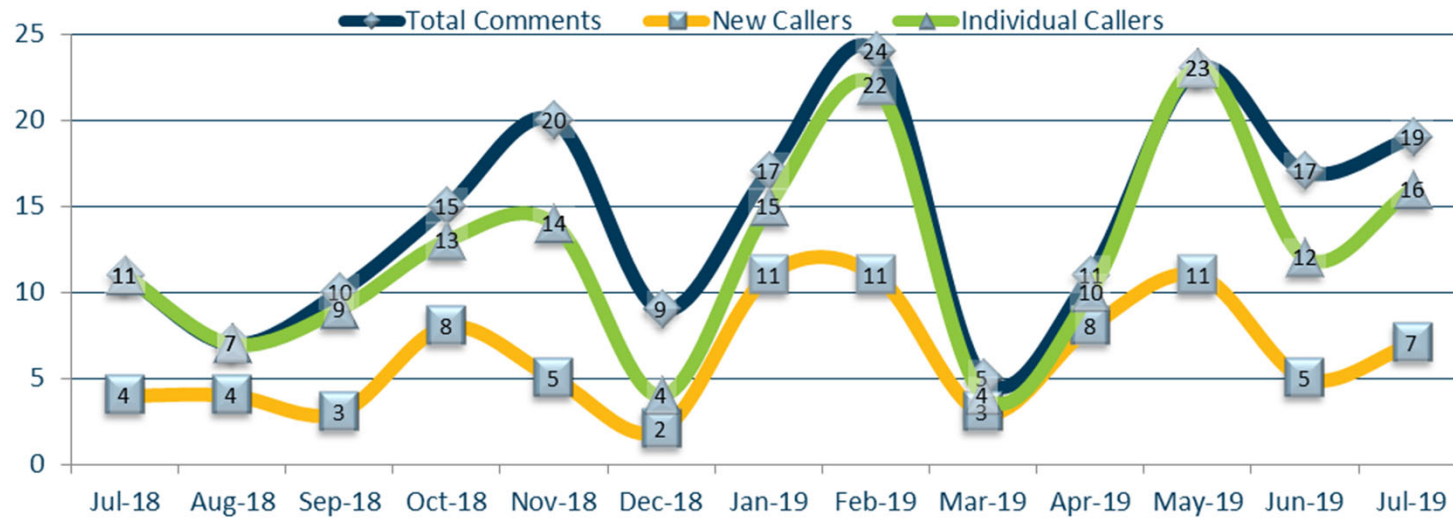
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Comment Location (SDF/LOU)

July 2019

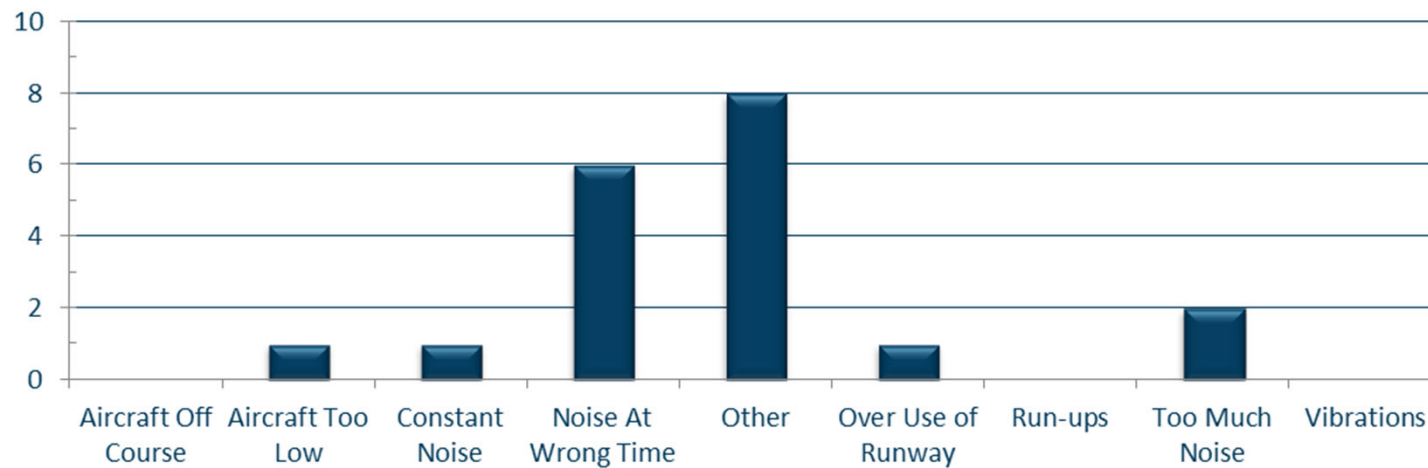


New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU)

July 2019



NOISE COMMENT REPORT



Comments (SDF/LOU)

August 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Audubon Pkwy	40213	NE (65+)	2019-08-04 08:36:00	2019-08-04 08:36:00	SDF	Constant Noise	Investigated	Non-Standard	None	<p>I live just north of the airport and have a few questions/observations: 1.) I live close to whichever runway is more east, and it seems like it is used way more frequently than the runway to the west. I can see/hear planes for both runways, and the only time the runway usage rate is close to 1:1 is when there is a major UPS run (the 4-6pm departures or 11p.m.-1a.m. arrivals). I've lived in this location for about five years. I'm not sure if this is just a recent trend or has it always been like this? Maybe it's because I'm working from home now and can really see the disparity. Whether it's departures or arrivals, the runway to the east is getting pretty much all of the commercial, military, UPS traffic -- at least recently. Wouldn't the airport want to utilize both evenly to mitigate the noise pollution for each location? It's difficult to believe the airport really cares about lessening the noise problem when the other runway is never used. 2.) Also happening a lot lately is we will be getting arrivals from the north all day (on primarily the eastern runway) and then they'll switch it up to departures the next minute - or vice versa departures to arrivals. No storms or winds; this happens on clear days. Any particular reason for that? Both of these issues have happened many days in a row, including this morning to give you an example. Had a couple UPS landings in the 6-7a.m. window. Next minute, departures, and none of this activity has used the western runway. Thank you for any information you can provide.</p>

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 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Parkway Dr	40217	NE (60-65)	2019-08-10 07:32:00	2019-08-10 07:32:00	SDF	Other	Investigated	Standard	None	I have several friends in the Schnitzelburg area who have received letters for soundproofing. I live on Parkway Drive and have not received anything. Many houses 2 streets over have been granted soundproofing, however every time I have inquired about our house I am told we are not in the direct path. I can read the bellies of the plane as they fly over every few minutes. My cars, concrete, and patio are cover in black soot daily. The planes are so close to my house my windows rattle, if I'm on the phone I have to pause to wait for the plane to pass the house. Is my address included in the area receiving assistance?
Delor Ave	40217	NE ((60-65)	2019-08-10 08:29:00	2019-08-10 08:29:00	SDF	Other	Investigated	Standard	None	Just checking to see if my home is eligible for this program? We hear the planes even when windows are closed and our back door will rattle. Sometimes it's really bad through the week, early in the morning. It's like a constant roar.
Ardmore Dr	40217	NE (<60)	2019-08-10 13:13:00	2019-08-10 13:13:00	SDF	Other	Investigated	Standard	None	I attempted to look at the areas affected by the airport's soundproofing plan for 2021, but it was too small for me to make heads or tails out of it. I am directionally challenged and even a bigger map may not help. Can you please provide me with a better map or tell me if my property will be affected?
Proctor Knott Dr	40218	NE (N/A)	2019-08-19 13:30:00	2019-08-18 10:00:00	LOU	Too Much Noise	Investigated	Standard	None	I am calling to complain about the noise pollution at Bowman Field. The one engine prop planes are using this airspace all the time. They are making money invading our airspace. It has gotten worse over the last 2 months. They are flying really close to the ground. On Sundays you cannot even sleep late. This has to be changed.

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Comments (SDF/LOU)

August 2019

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)	2019-08-21 16:43:00	2019-08-21 16:43:00	SDF	Too Much Noise	Investigated	Standard	None	The airplane noise over my home is getting unbearable. It's shaking my home and causing cracks. We are also seeing black stuff on the ground and cars. At nighttime it's a plane coming over the house every 2 to 4 minutes. Who do I call or reach out to see about getting something done about this?
Brooks Hill Rd	40109	SW (<60)	2019-08-25 09:41:00	2019-08-25 09:41:00	SDF	Aircraft Too Low	Investigated	Non-Standard	None	I believe I am in the direct path of incoming and outgoing aircraft from SDF. Could you possibly explain why those planes, mainly UPS, are continually flying lower and louder it seems. The noise has been getting louder the past few years but now it's either the noise or vibration that's interrupting my sleep. The planes seem to be so low at times, that I can read the numbers off the aircraft without the use of anything but my eyes. I have a wood frame house with vinyl siding and I do understand it's not as sound proof as brick but something should be able to be done. I've been here since 1994 and it's just getting worse. Please advise.

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Comments (SDF/LOU)

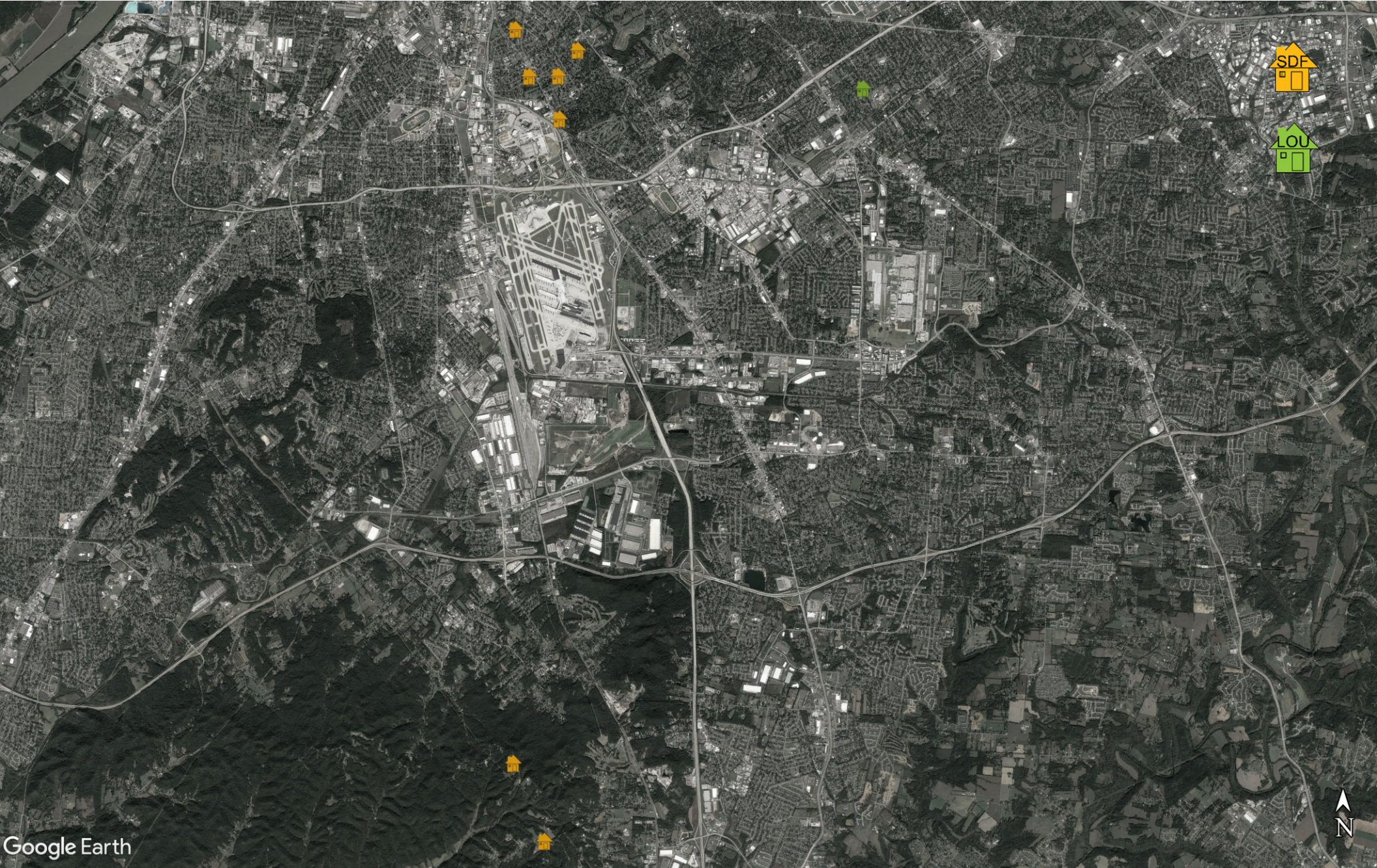
August 2019

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)	2019-08-27 08:29:00	2019-08-27 08:29:00	SDF	Too Much Noise	Investigated	Standard	None	<p>I am making yet another attempt at getting a resolution from these UPS Planes! I have tried to work with the local airport and am not getting resolution as they are operating within the average. Yes, we are within the "average" DNL... however the planes that are disturbing us at 3 a.m. and also now 12 and 1 a.m. are coming over our house at 2000ft and 80+ decibels. This is completely disrupting the sleep of my entire family of 4... This is now becoming a health hazard, my husband is tired, I am tired, my kids are tired... we are trying to function on little sleep and it is all because of the airplanes. I live in Bullitt county south of the airport. My husband is self employed and there are rules and regulations for his business to operate within business hours only due to noise of his equipment. Why would UPS be above this??? No other company can cause such disturbance and get away with it! Something has got to give... this cannot continue! The airports earliest flight is at 6 a.m., and the latest flight out is 9 or 9:30 p.m., per the airport staff... this should be the regulation for UPS.... They should not be allowed to continue use of the airport runway when it is putting the community's health at risk.... not to mention the wildlife and Jefferson Memorial Forest that is also suffering from the low flights and noise..... I contacted the FAA on July 10th and received a call back on the 11th from Mrs. Holloman. She advised me that it was up to the airport on the times flights go out... she stated she would contact them and get back with me. we just cannot stand it any longer!</p>
							Received	LRAA	8	

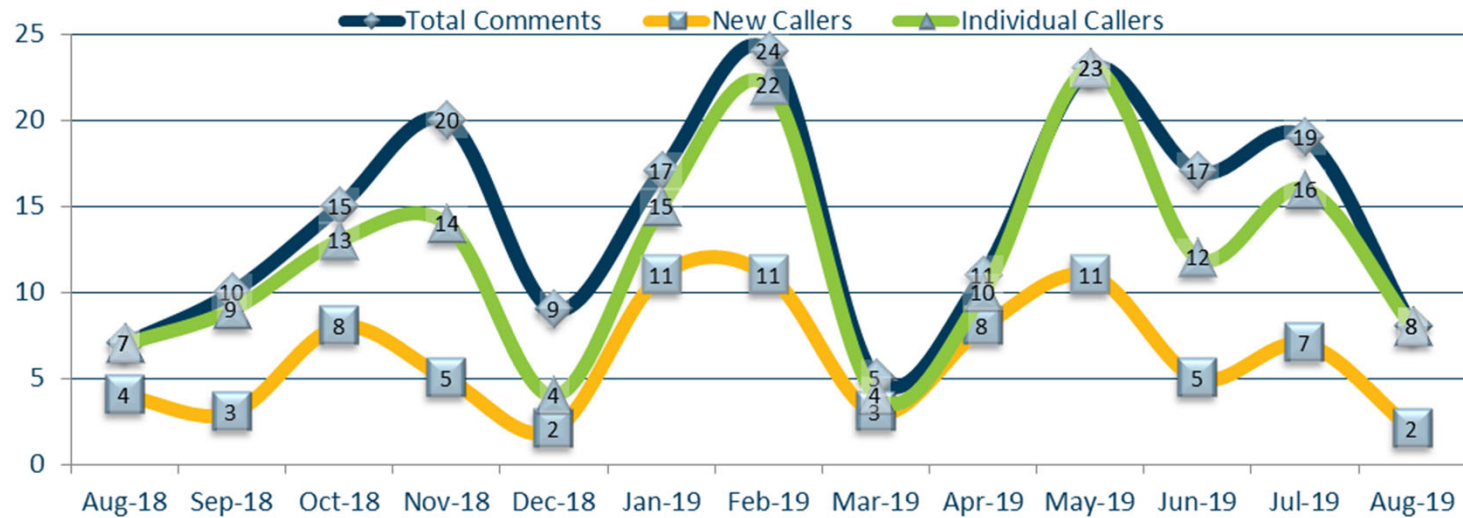
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Comment Location (SDF/LOU)

August 2019

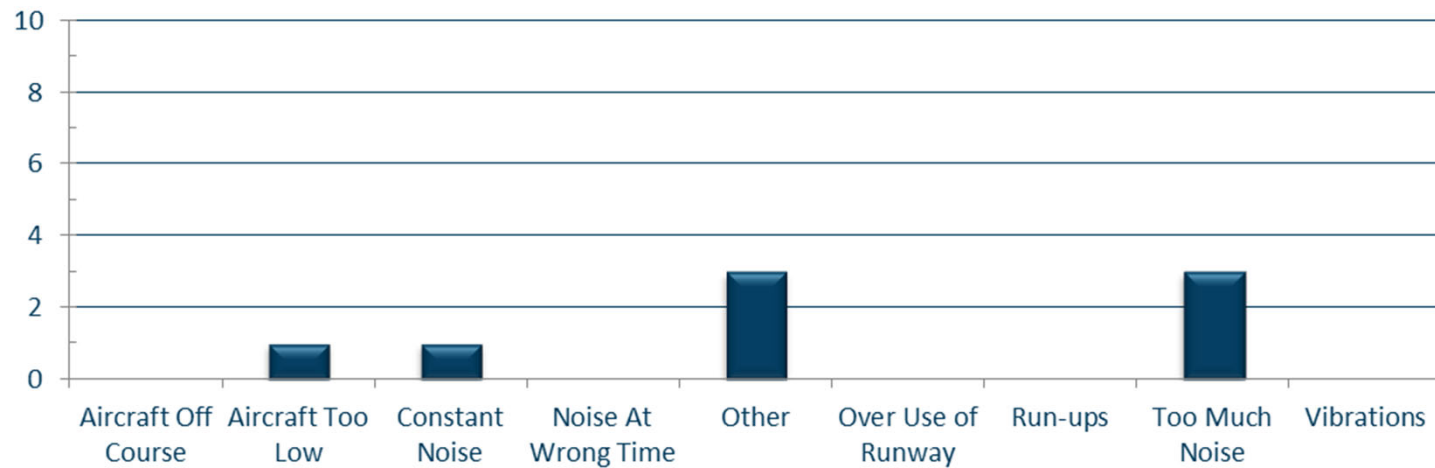


New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU)

August 2019



Daily Runway Use Uncorrected (SDF) July 2019

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

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 July 2019

Day	Date	Time	Comment
Mon	1-Jul-19		
Tue	2-Jul-19	2200-0000	REMAINING SOUTH FLOW DUE TO WEATHER SOUTH OF THE AIRPORT
Wed	3-Jul-19	0000-0230	REMAINING SOUTH FOR WX SOUTH/SOUTH EAST OF SDF
Thu	4-Jul-19	0930-1130	REMAIN S. FLOW FOR WINDS/PROJECTED WINDS/ARPT TAXIWAY CLOSURES
Fri	5-Jul-19	0930-1130	NO JUSTIFICATION
Sat	6-Jul-19	1300-1530	WIND 28007
Sun	7-Jul-19		
Mon	8-Jul-19	1300-1830	REMAINING NORTH DUE TO FORECAST WIND AND CURRENT WIND 02011G16
Tue	9-Jul-19	0930-1230	REMAINING SOUTH FLOW DUE TO SEVERAL TAXIWAY AND RUNWAY CLOSURES
Wed	10-Jul-19	0930-1230	REMAINING SOUTH FLOW DUE TO MULTIPLE TAXIWAY CLOSURES
Thu	11-Jul-19	0930-1230	WIND 24003. REMAINING SOUTH FLOW DUE TO MULTIPLE TAXIWAY CLOSURES
Fri	12-Jul-19	1300-1630	REMAINING NORTH DUE TO WINDS AND CLOSURES
Fri	12-Jul-19	2000-2130	WIND 350@07
Sat	13-Jul-19	0700-0730	(6:30 am)SOUTH FLOW, VA RWY 17L, DPTG RWY 17L, WIND CALM
Sun	14-Jul-19		
Mon	15-Jul-19		
Tue	16-Jul-19		
Wed	17-Jul-19		
Thu	18-Jul-19	1500-1830	REMAIN NORTH FLOW FOR AIRCRAFT OPERATING 2MI SOUTH OF SDF VFR/45 & WIND SHIFT
Thu	18-Jul-19	2200-0000	WIND 22012
Fri	19-Jul-19	0000-0230	WIND 22012
Fri	19-Jul-19	0930-1230	REM SOUTH FLOW FOR CURRENT AND FCST WIND 2112
Sat	20-Jul-19		
Sun	21-Jul-19	2300-0000	SOUTH FLOW, ILS RWY17L, DPTG RWY 17L, WIND 29003 SCRATCHPAD 29 ARRIVALS FOR WX
Mon	22-Jul-19		
Tue	23-Jul-19		
Wed	24-Jul-19		
Thu	25-Jul-19		
Fri	26-Jul-19		
Sat	27-Jul-19		
Sun	28-Jul-19		
Mon	29-Jul-19		
Tue	30-Jul-19	1930-2130	WIND 28012. CHANGE DUE TO FORECASTED WIND SHIFT TO NE.
Wed	31-Jul-19		

Daily Runway Use Uncorrected (SDF) August 2019

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

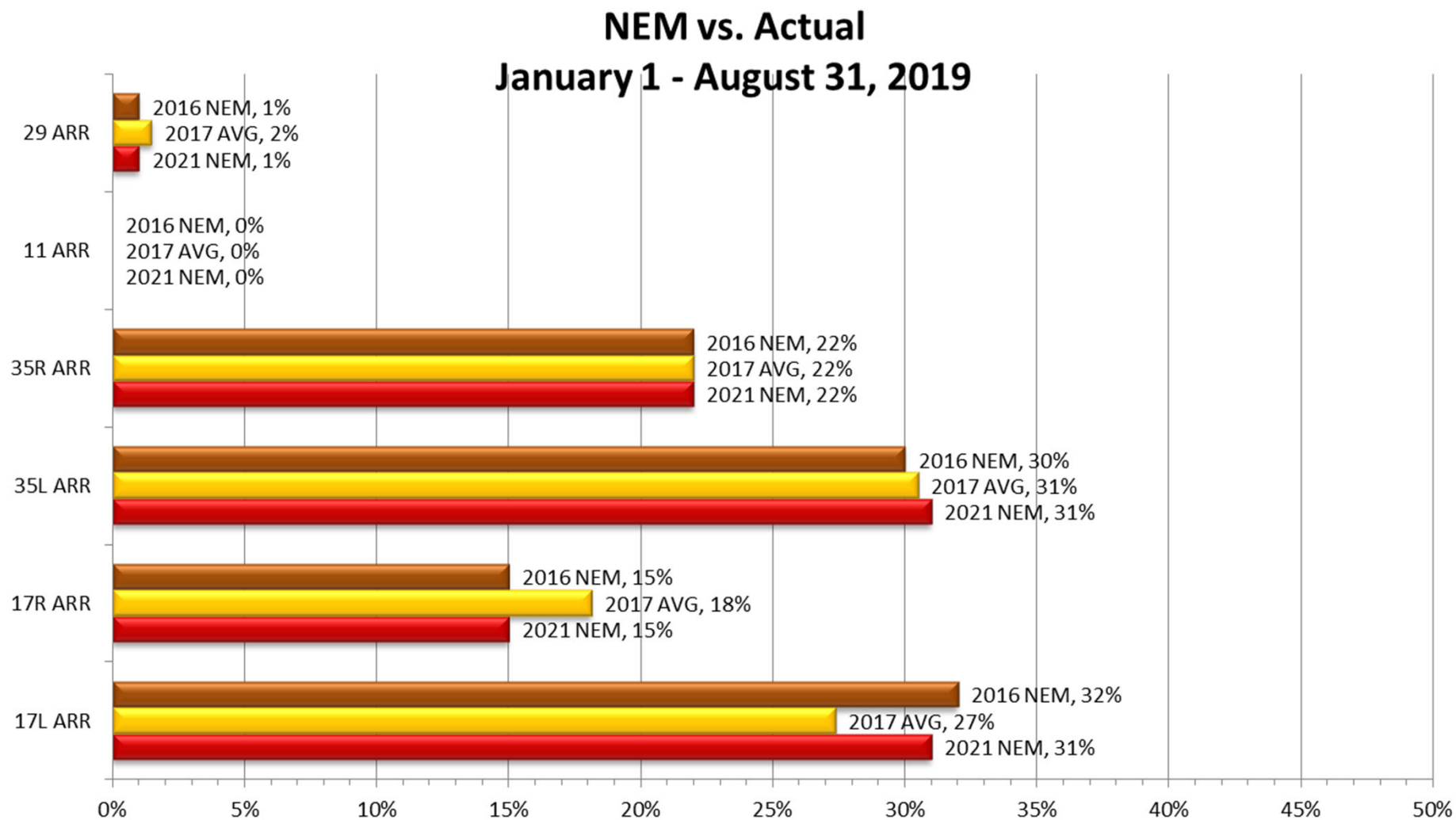
Source: Louisville International Airport
 Aircraft Flight Tracking and Noise Management System (AFTNMS)

Daily Runway Use (SDF)

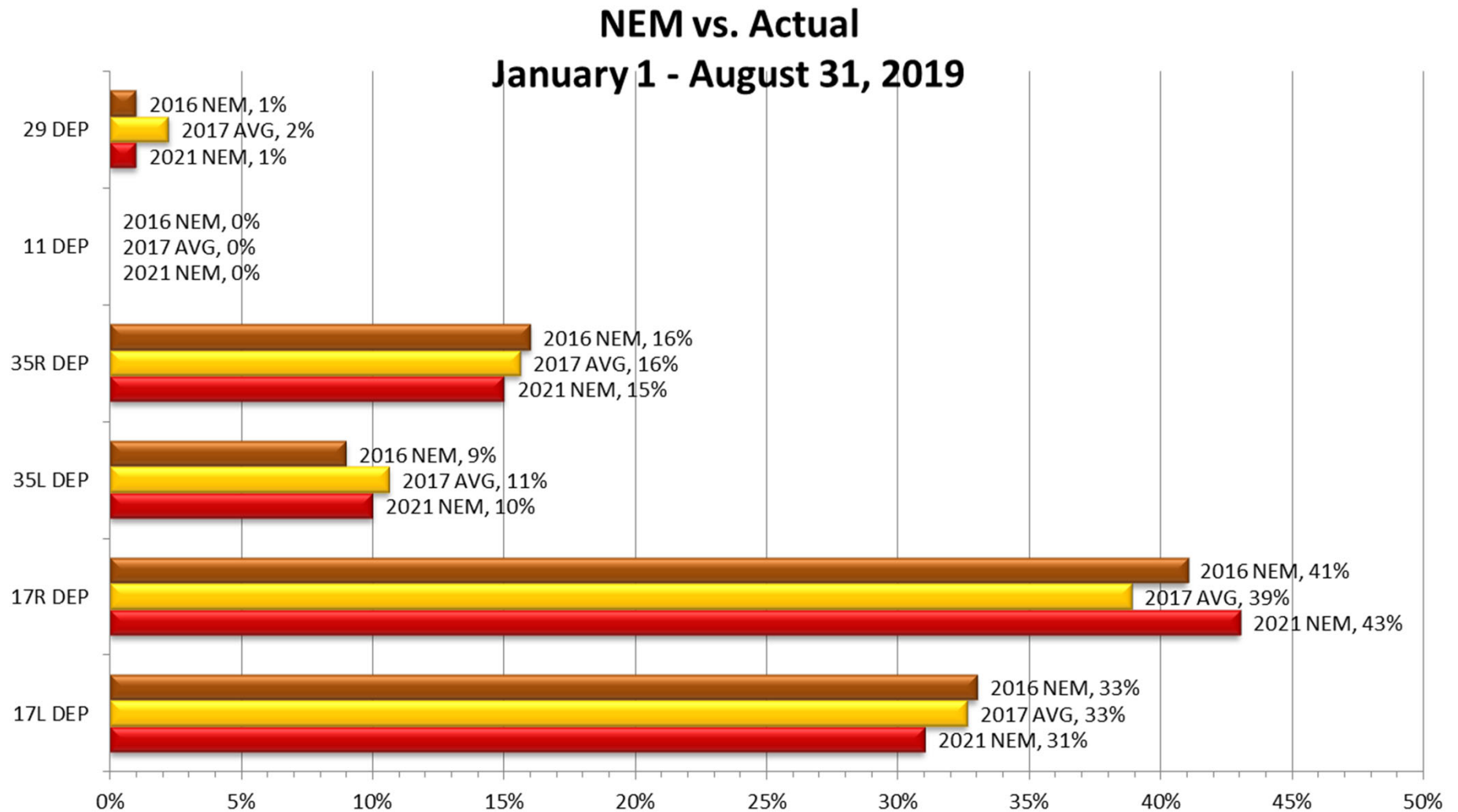
Tower Comments August 2019

Day	Date	Time	Comment
Thu	1-Aug-19		
Fri	2-Aug-19	0930-1230	NO REASON NOTED
Sat	3-Aug-19	2000-2230	WIND 3309
Sun	4-Aug-19	0700-1730	WIND 01006
Mon	5-Aug-19	0930-1000	REMAINING SOUTH DUE TO AIRCRAFT WITH A FLAP ISSUE THAT REQUIRES AN INTO THE WIND LANDING. WIND 22004
Tue	6-Aug-19		
Wed	7-Aug-19	1300-1330	REMAINING NORTH DUE TO FORECASTED WIND 3109
Thu	8-Aug-19		
Fri	9-Aug-19	1300-1530	REMAINING NORTH FLOW DUE TO WIND 3109.
Sat	10-Aug-19	1400-1530	REMAIN NORTH FLOW FOR WINDS.
Sat	10-Aug-19	2000-0000	WIND 04007G16KT
Sun	11-Aug-19	0000-0700	WIND 04007G16KT
Mon	12-Aug-19	0930-1000	LATE CHANGE DUE TO VOLUME AND PRECIPITATION TO THE NW
Mon	12-Aug-19	2200-0000	WIND 21009
Tue	13-Aug-19	0000-0230	WIND 21009
Tue	13-Aug-19	1430-2130	WIND 29012
Wed	14-Aug-19		
Thu	15-Aug-19	1300-2130	WIND 29013G16
Fri	16-Aug-19		
Sat	17-Aug-19		
Sun	18-Aug-19		
Mon	19-Aug-19		
Tue	20-Aug-19		
Wed	21-Aug-19		
Thu	22-Aug-19	1300-1400	LATE SWITCH, NO REASON NOTED
Fri	23-Aug-19	1530-2130	REMAINING NORTH FLOW DUE TO CURRENT WIND 0607 AND FORECASTED WIND 0409, WET RUNWAYS
Sat	24-Aug-19	2200-0000	SWITCH TO NORTH DUE TO FORCASTED WINDS DURING POWER OUTAGE.
Sun	25-Aug-19	0000-1230	SWITCH TO NORTH DUE TO FORCASTED WINDS DURING POWER OUTAGE.
Mon	26-Aug-19		
Tue	27-Aug-19		
Wed	28-Aug-19	1500-2130	WIND 30011G17
Thu	29-Aug-19		
Fri	30-Aug-19		
Sat	31-Aug-19		

Runway Use (SDF Arrivals)



Runway Use (SDF Departures)



Runway Use 0930L-1230L_(SDF)

As of August 31, 2019

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
Sep-17	0	10	6	1	45	38	83	903	0	14	3	2	12	69	81	495
Oct-17	0	21	24	0	29	26	55	936	0	25	18	1	9	47	56	451
Nov-17	0	20	23	0	25	32	57	956	0	19	21	0	9	51	60	439
Dec-17	0	10	11	0	49	30	79	1064	1	9	13	1	16	60	76	510
Jan-18	0	27	19	5	31	18	49	862	0	24	18	5	6	47	53	329
Feb-18	0	19	32	1	28	20	48	847	0	19	24	1	6	50	56	323
Mar-18	0	11	24	0	38	27	65	922	0	14	19	2	11	54	65	399
Apr-18	0	18	19	0	36	27	63	894	1	19	13	8	9	50	59	382
May-18	0	31	29	1	22	17	39	1114	0	28	28	1	4	38	42	481
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
Monthly Avg.	0	20	22	1	35	24	59	953	0	21	20	2	11	48	59	419

Gate Compliance by Runway

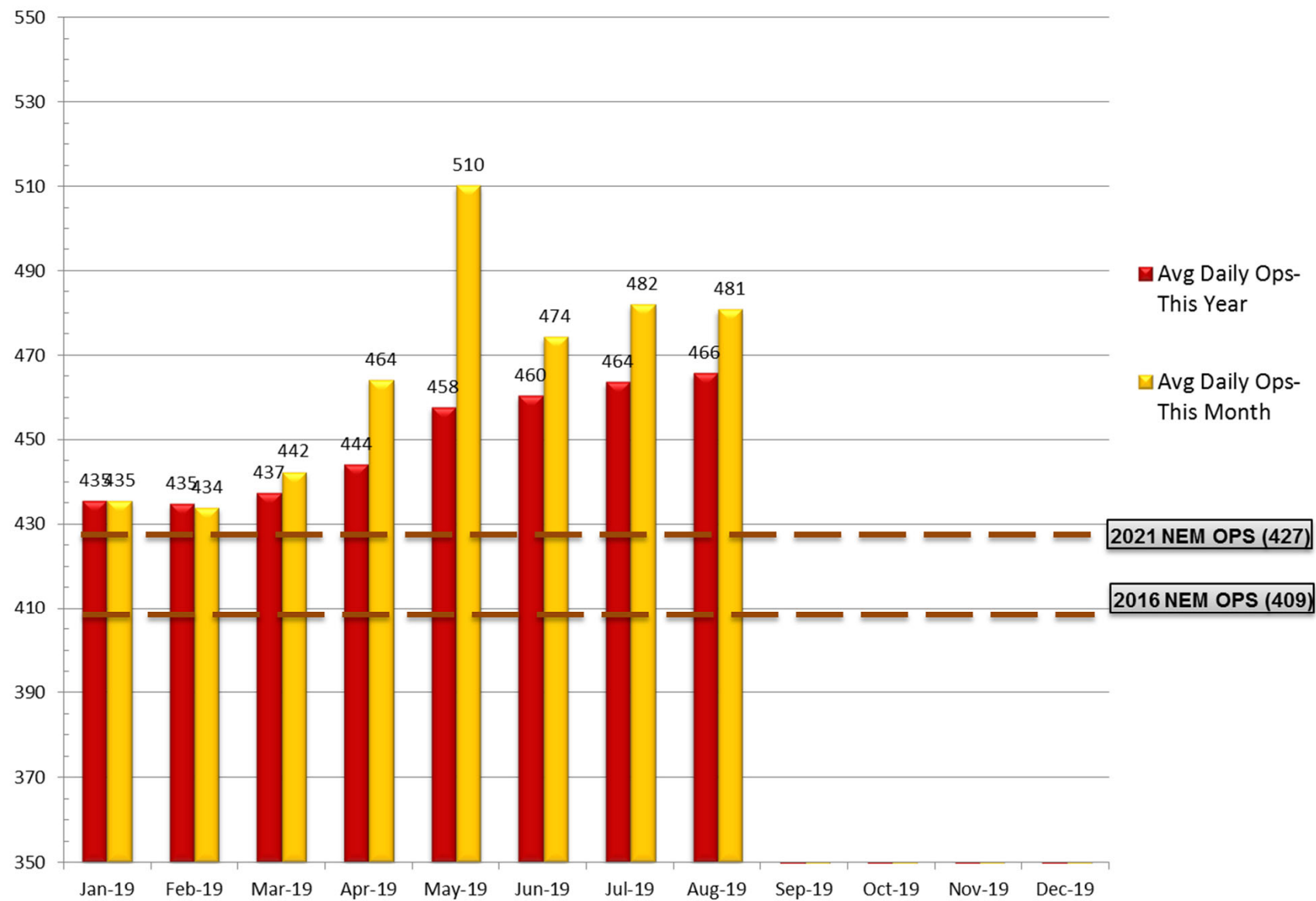
As of August 31, 2019

ARRIVALS Percent Compliant					Departure Percent Compliant					
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Sep-17	87%	91%	88%	90%	89%	91%	90%	74%	85%	85%
Oct-17	88%	95%	89%	88%	90%	80%	87%	77%	89%	83%
Nov-17	88%	94%	91%	91%	91%	76%	90%	67%	91%	81%
Dec-17	88%	95%	92%	92%	92%	77%	89%	73%	86%	81%
Jan-18	89%	96%	92%	91%	92%	71%	91%	71%	85%	80%
Feb-18	90%	97%	93%	91%	93%	69%	87%	70%	83%	77%
Mar-18	91%	94%	92%	90%	92%	76%	87%	68%	81%	78%
Apr-18	90%	95%	91%	88%	91%	80%	88%	71%	83%	81%
May-18	86%	91%	85%	86%	87%	78%	86%	68%	86%	80%
Jun-18	87%	92%	87%	85%	88%	82%	84%	72%	85%	81%
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%
24 Month Avg.					90%					81%

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

Operations (SDF)

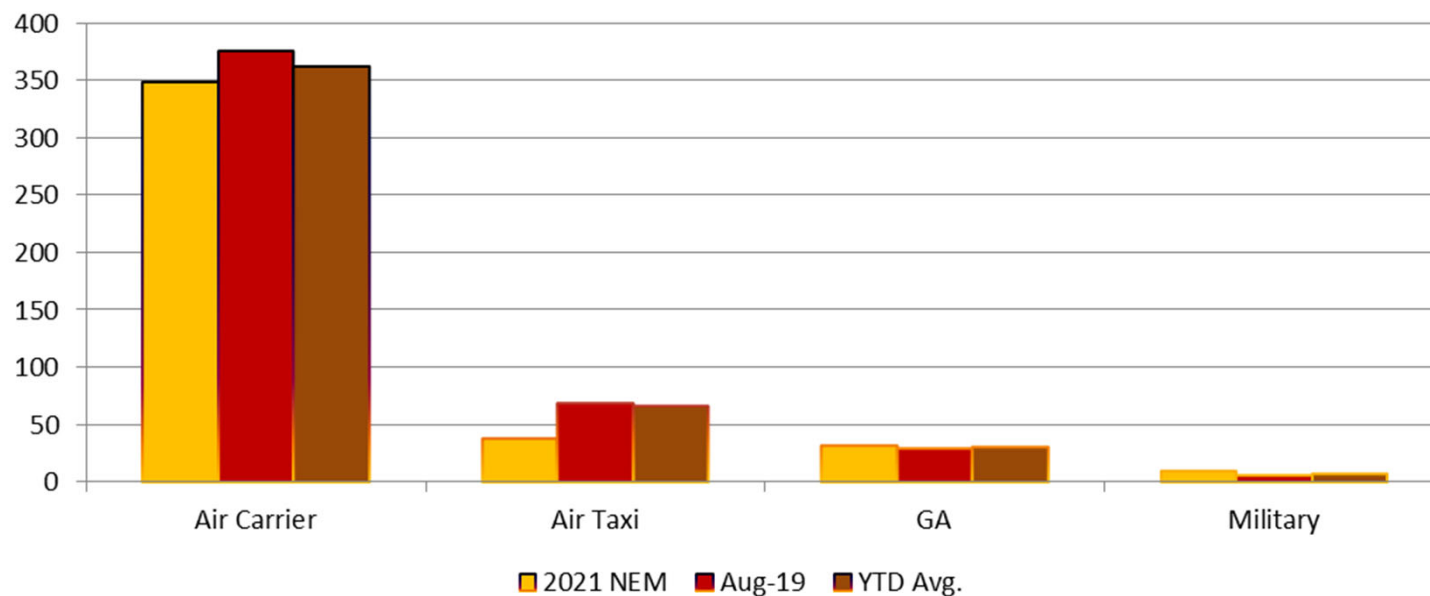
As of June 30, 2019



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

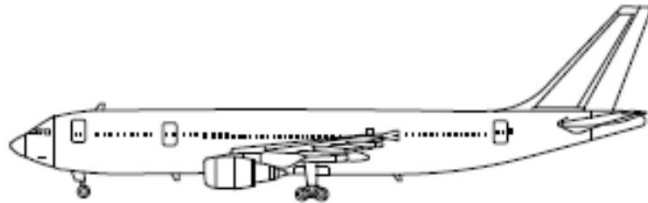
Operations by Aircraft Category (SDF)

As of August 31, 2019



- **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)



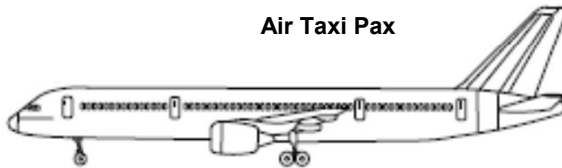
A300
Air Carrier Cargo



B767
Air Carrier Cargo



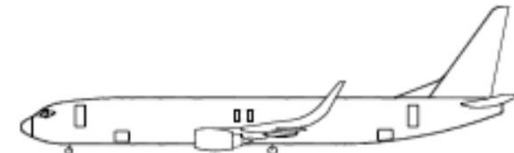
E135/45
Air Taxi Pax



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