

**Community Noise Forum**  
**Monday, November 25, 2019**  
**Agenda**

- I. Call to order: 6:00 PM
- II. Minutes: September 23, 2019
- III. Louisville PBN Scoping Review and Finalization Meeting
- IV. Part 150 NCP
  - A. Noise Insulation Program
  - B. Contraflow Exceptions
- V. Current Noise Concerns
  - A. Noise Concerns/Complaints
  - B. Runway Utilization
  - C. Construction and Maintenance Activity
- VI. Presentation: Updated Airport Website
- VII. Guest Comments
- VIII. Announcements
- IX. Next Meeting: January 27, 2020
- X. Adjournment

**COMMUNITY NOISE FORUM (CNF)**  
**Monday, September 23, 2019**

**Members**

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

John Greathouse, Southwest  
Mary Rose Evans, LRAA Board  
Mike Zanone, Northwest  
Brian Sinnwell, LRAA

**Guests**

Larry Hicks, Brooks  
Bill Graham, Fairdale  
Kathleen Krill, Preston Park  
Billy Clifford, Brooks

Rachel Roarx, Metro 21  
Peggy Head, Preston Park  
Jeff Donohue,  
Theresa Clifford, Brooks

**I. Call to order:** The meeting was called to order at 6:00 p.m. by John Sistarenik.

**II. Minutes:** The July meeting notes were approved as written.

**III. Part 150 NCP:**

**A. Noise Insulation Program: Residential** – Homeowner workshops for the first group of homeowners were held on July 23 and September 17. The first round of acoustical testing was conducted from August 12-23. 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. For homes with interior noise levels less than 45 dB homeowners will be offered the option of selling the airport an avigation easement. A second round of acoustical testing will take place in October. **UofL** – On July 28, the airport advertised an invitation to bid for the first group of building in the UofL program (Overseers Honors House, Life Sciences and Paul B. Lutz Hall). We plan to award the contract for the first group of buildings at the LRAA Board meeting on September 25. The first phase of construction should begin in November.

**B. Contraflow Exceptions:** Contraflow for July was 75% for arrivals from the south and 87% for departures to the south. In August, arrivals from the south were 88% and departures to the south were 89%. A daily summary for July and August is contained in the handout. Currently, for calendar year 2019 arrivals from the south are 72% and departures to the south are 82%. The 2 year average (September 2017 through August 2019) for contraflow is 73% for arrivals and 76% for departures. A monthly summary going back 8 years is included in the handout.

**IV. Current Noise Concerns:**

**A. Report on Noise Concerns/Complaints:** A total of 19 comments were received in July. In August a total of 8 comments were received. Comments and

locations are contained in the handout. Representative Donohue asked if there was any update regarding the July comments from the Holsclaw Hill Road area. Bob replied that the comments were concerning the standard late night early morning departures to the south in an area that may benefit from the proposed early morning departure test. The proposed test will require FAA review and approval. UPS is meeting with the FAA on September 25<sup>th</sup>. In October UPS will perform simulator testing. Currently, we are looking at beginning a test of the procedure in November.

**B. Runway Utilization:** As of August 31 there is an increase of approximately 38 operations per average day. 28 of those are attributed to smaller air taxi aircraft. Mike Zanone asked if the increase in operations could be expected to change the noise contours. Bob Slattery replied that he would not expect 31 operations to significantly change the contours especially since most are smaller air taxi type aircraft. Bob also said he is not aware of a specific number or percentage increase operations that would necessitate an update to the NEMs. 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.

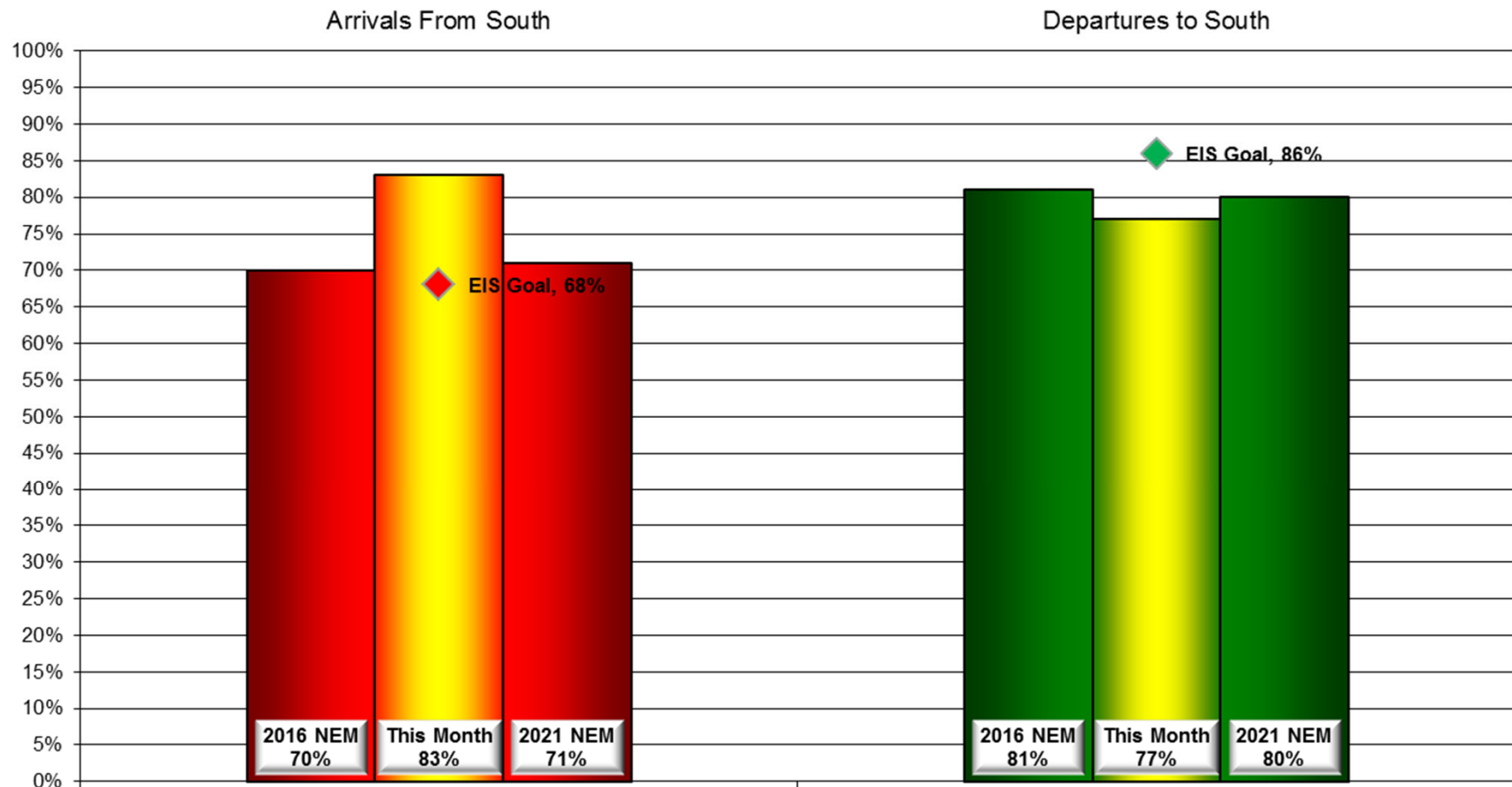
**C. Construction and Maintenance Activity:** Brian Sinnwell reported that the airport authority recently received \$12 million dollars in grant money for improvements on the airfield. The taxiway "G" rehab will account for approximately \$9 million of that. \$2.2 million was received for noise projects including sound insulation at UofL and a portion of the residential program. Currently we are working on pavement rehab on the east side of the airport. This requires multiple weekend closures of the east runway. Many of these closures will occur while the music festivals are occurring at the fairgrounds. This should continue for the next 4 to 6 weeks. **Master Plan Update** - Brian also reported on the current status of the ongoing Master Plan Update. Work on the Master Plan begin in July of 2018 and will continue through February of 2020. The purpose of the Master Plan is to be a guide for future development of the airport. The last Master Plan Update was completed in 2004. Currently, the existing conditions have been studied and the operational forecast has been submitted to the FAA for their review. Mike Zanone asked if there would be opportunity for public stakeholder input at some point in the future. Brian replied that when the process gets to a point where there is a plan that shows potential future development there would be a public meeting to show what is being proposed. The plan would also be posted on the web for comment. 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. John Greathouse asked about the clearing of vegetation going on in the old Highland Park area. Brian explained that it is a result of the airport's Part 139 inspection by the FAA and is primarily related to wildlife control.

**V. Guest Comments:** Ms. Kathleen Krill of Preston Park asked if ground noise was taken into consideration when the NEMs are updated. Bob replied that the ground

noise that occurs with the airplanes run-up their engines for takeoff is taken into account. Ms. Krill also asked if there was a spending deadline on the grant money the airport receives from FAA. Brian replied that the FAA typically requires the money to be spent within four years.

- VI. Announcements:** Bob Slattery announced that the project kickoff meeting for the airspace redesign project has been moved from the week of September 23 (this week) to the week of November 18. A location for the meeting has not yet been determined. On August 26<sup>th</sup> Aaron Rosenblum, John Sistarenik, Mary Rose Evans, and Bob Slattery attended a meeting of the Schnitzelburg Area Community Council. The group was provided information regarding the Sound Insulation Program.
- VII. Next Meeting:** November 25, 2019
- VIII. Adjournment:** A motion was made to adjourn the meeting at 6:34 p.m.

## Monthly Contraflow September 2-30, 2019



# Daily Runway Use Summary – September 2019

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

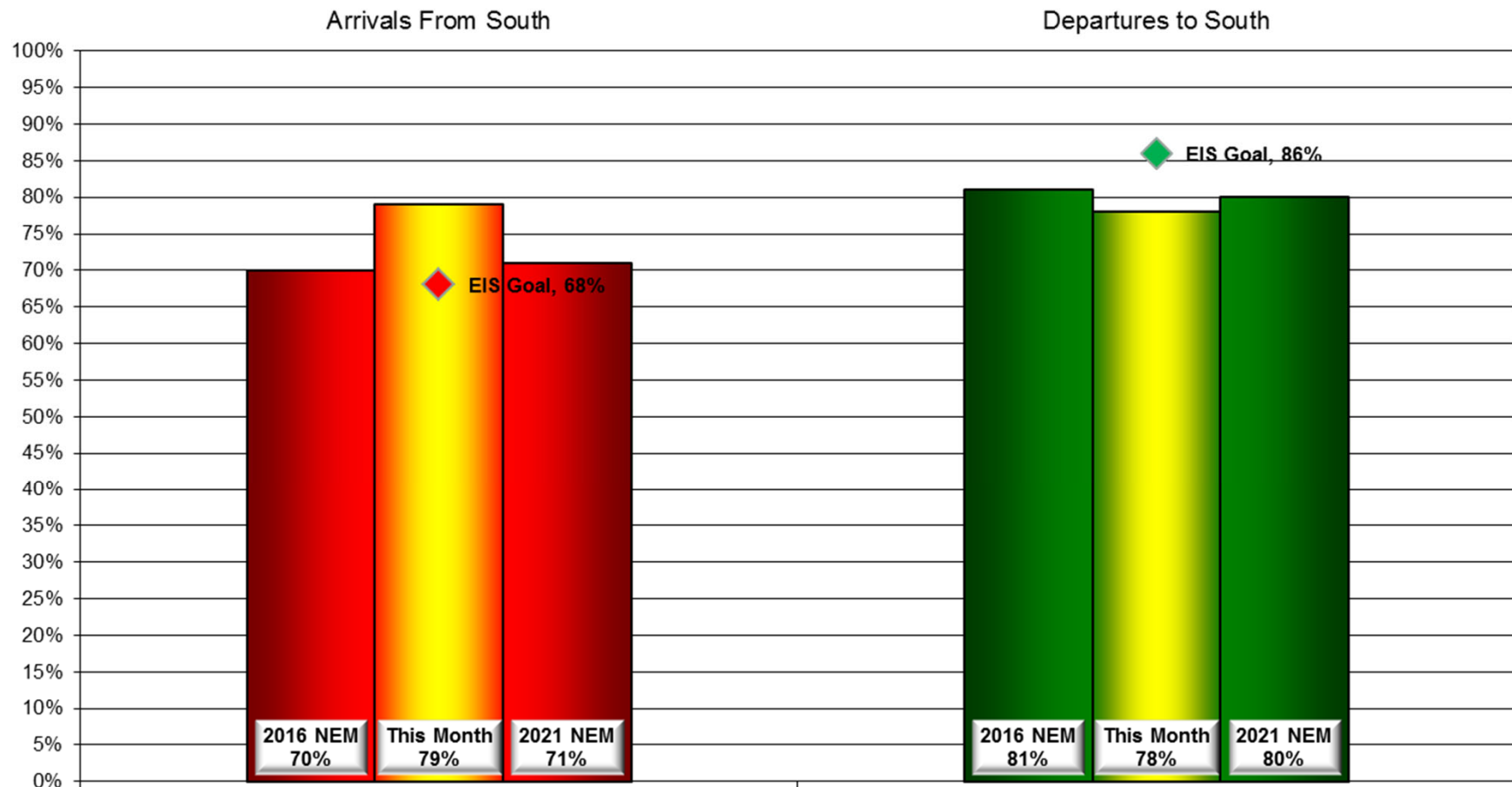
		% of all arrivals from the south										% of all departures to the south									
Date	Day	*in	Runway#							Unknown	Notes /	**in	Runway#							Unknown	Notes /
		compliance	11	17L	17R	29	35L	35R	Use	Comments	compliance	11	17L	17R	29	35L	35R	Use	Comments		
09/02/19	Mon	91%			5	4		52	39	0		92%			32	60		1	7	0	
09/03/19	Tue	96%			2	2		61	35	0		84%			34	50		11	5	0	ops
09/04/19	Wed	95%			2	3		57	38	0		82%			32	50		13	5	0	ops
09/05/19	Thu	96%			2	2		59	37	0		87%			31	56		7	6	0	
09/06/19	Fri	100%						62	38	0		0%						65	35	0	340-010@7-12kts
09/07/19	Sat																				
09/08/19	Sun																				
09/09/19	Mon	9%			35	56		8	1	0	090-120@3-5kts	99%			32	67			1	0	
09/10/19	Tue	96%			2	2		58	38	0		90%			35	55		6	4	0	
09/11/19	Wed	97%			1	2		60	37	0		88%			32	56		8	4	0	
09/12/19	Thu	98%			1	1		59	39	0		87%			31	56		8	5	0	
09/13/19	Fri	100%						65	35	0		0%			0	0		61	39	0	330-360@7-9kts
09/14/19	Sat																				
09/15/19	Sun																				
09/16/19	Mon	98%				2		60	38	0		88%			36	52		7	5	0	
09/17/19	Tue	96%				4		65	31	0		87%			33	54		10	3	0	
09/18/19	Wed	97%			1	2		63	34	0		91%			35	56		6	3	0	
09/19/19	Thu	0%			45	55				0	170-190@5-7kts	100%			40	60				0	
09/20/19	Fri	93%			1	6		69	24	0		90%			44	46		6	4	0	
09/21/19	Sat																				
09/22/19	Sun																				
09/23/19	Mon	96%			2	2		62	34	0		89%			33	56		6	5	0	
09/24/19	Tue	95%			3	2		63	32	0		90%			35	55		6	4	0	
09/25/19	Wed	100%						61	39	0		0%						54	46	0	240-300@5-7kts
09/26/19	Thu	98%			1	1		67	31	0		92%			29	63		4	4	0	
09/27/19	Fri	0%		2	30	68				0	170-180@6-9kts	100%			40	60				0	
09/28/19	Sat																				
09/29/19	Sun																				
09/30/19	Mon	96%			1	3		59	37	0		86%			34	52		8	6	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 October 1-31, 2019



# Daily Runway Use Summary – October 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	*in	Runway#							Unknown	Notes /	**in	Runway#							Unknown	Notes /		
		compliance	11	17L	17R	29	35L	35R	Use	Comments	compliance	11	17L	17R	29	35L	35R	Use	Comments				
10/01/19	Tue	94%			2	4			65	29	0		83%			33	50			10	7	0	ops
10/02/19	Wed	94%			3	3			57	37	0		92%			34	58			5	3	0	
10/03/19	Thu	100%							68	32	0		0%							61	39	0	360-010@8-11kts,g20
10/04/19	Fri	97%			1	2			60	37	0		91%			39	52			5	4	0	
10/05/19	Sat																						
10/06/19	Sun																						
10/07/19	Mon	91%			3	6			57	34	0		74%			29	45			15	11	0	ops
10/08/19	Tue	98%			1	1			61	37	0		88%			35	53			7	5	0	
10/09/19	Wed	97%			1	2			58	39	0		87%			41	46			8	5	0	
10/10/19	Thu	14%			34	52			9	5	0	130-160@4-6kts	99%			41	58				1	0	
10/11/19	Fri	100%							56	44	0		5%				5			58	37	0	300-330@5-12kts
10/12/19	Sat																						
10/13/19	Sun																						
10/14/19	Mon	95%			2	3			61	34	0		93%			37	56			5	2	0	
10/15/19	Tue	86%			6	8			54	32	0		1%			1				56	43	0	170-330@7-19kts,g32,ra
10/16/19	Wed	97%			2	1			60	37	0		82%			33	49			12	6	0	ops
10/17/19	Thu	96%				4			62	34	0		91%			37	54			5	4	0	
10/18/19	Fri	93%			2	5			56	37	0		93%			37	56		1	4	2	0	
10/19/19	Sat																						
10/20/19	Sun																						
10/21/19	Mon	0%			41	59					0	180-210@9-11kts,g19	100%			38	62					0	
10/22/19	Tue	96%			1	3			57	39	0		88%			33	55			6	6	0	
10/23/19	Wed	5%			41	54			3	2	0	140@7-11kts	100%			37	63					0	
10/24/19	Thu	95%			3	2			55	40	0		82%			34	48			12	6	0	ops
10/25/19	Fri	0%			46	54					0	100-150@7-9kts,ra	100%			42	58					0	
10/26/19	Sat																						
10/27/19	Sun																						
10/28/19	Mon	97%			1	2			55	42	0		92%			37	55			7	1	0	
10/29/19	Tue	88%			3	9			54	34	0		91%			35	56			7	2	0	
10/30/19	Wed	98%			1	1			61	37	0		83%			33	50			10	7	0	160-320@3-9kts,ra
10/31/19	Thu	91%			4	5			55	36	0		85%			27	58			7	8	0	210-270@4-7kts, ops

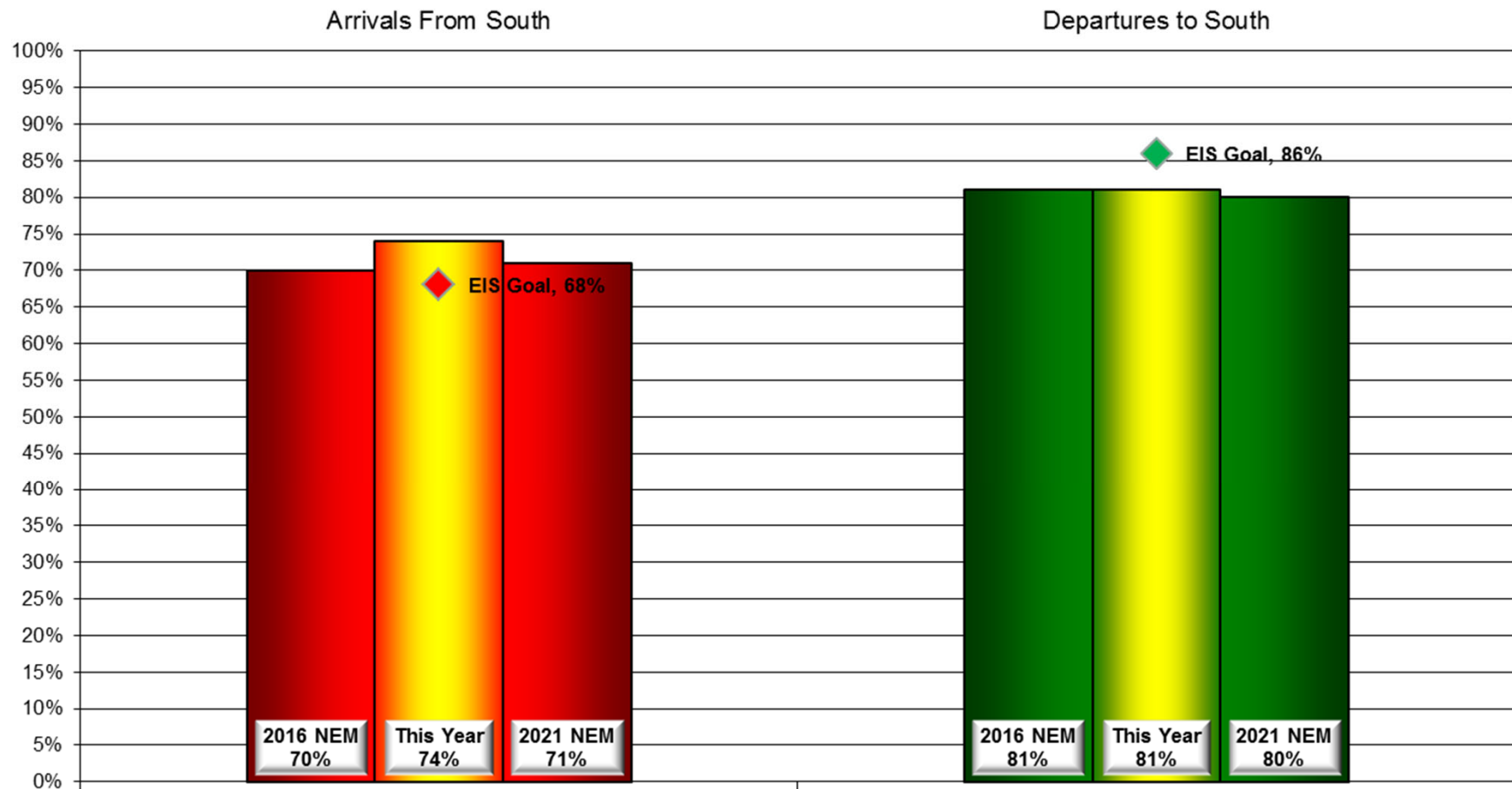
Preferred Flow

DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

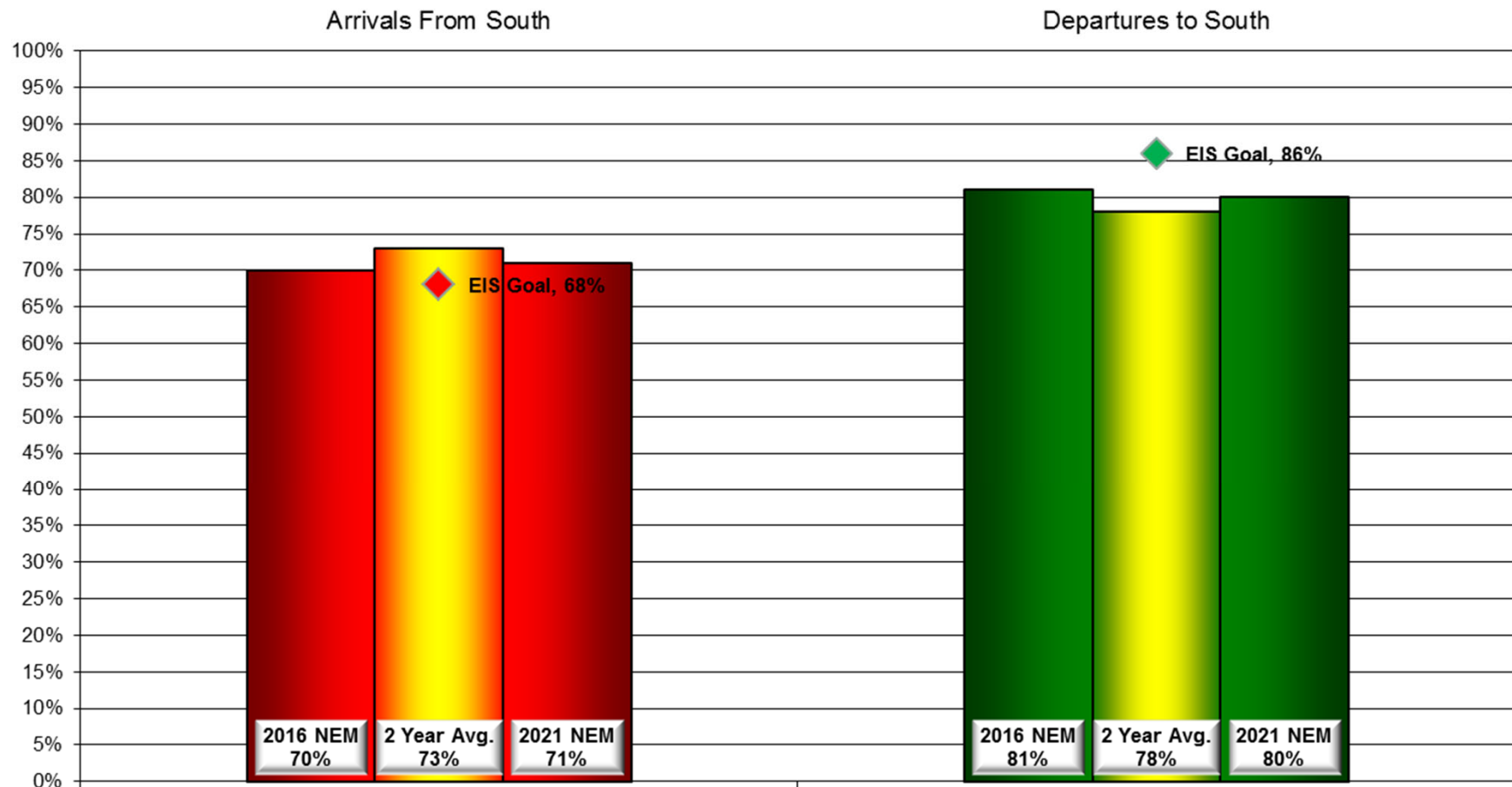
DATIS Reported Conditions Do Not Indicate  
Support for Non-Preferred Flow



## Contraflow This Year As of November 1, 2019



## Contraflow 2 Year Average November 2017 - October 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%	83%	82%	Sep	92%	87%	86%	73%	93%	31%	87%	77%	78%
Oct	62%	87%	75%	86%	81%	81%	77%	79%	79%	Oct	78%	89%	79%	74%	81%	82%	76%	78%	80%
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%	74%		Avg	83%	82%	81%	79%	79%	74%	75%	81%	

# NOISE COMMENT REPORT



# Comments (SDF/LOU)

## September 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
4960 Norton Healthcare Blvd	40241	NE (NA)	2019-09-02 14:42:00	2019-09-02 14:42:00	N/A	Aircraft Too Low	Investigated	Standard	None	Recently it seems as though the number of low flying aircraft (especially helicopters) flying directly over the area of the intersection of I-71 and Gene Snyder (841) has increased significantly. Instead of flying over densely populated areas, could these aircraft be directed to fly above the Ohio River? Any help you could provide to reduce the noise and vibrations in our home would be appreciated.
5531 Halstead Ave	40213	SE (60-65)	2019-09-04 08:28:00	2019-09-04 08:28:00	SDF	Other	Investigated	Standard	None	As you know air traffic and the noise it brings is very disturbing. It takes away from one's right to quiet enjoyment of their property. On the link below it shows several of the areas that have or are slated to have new windows and possible new HVAC Systems to help control the noise and improve air quality in those homes in those areas. My house on Halstead Avenue (40213) is closer to the airport than the other areas that are going to have new windows and HVAC systems. On some days aircraft go directly over my home and cannot be higher than 500 feet above, as they land just on the other side of I-65, maybe 1 mile away. Can this program be enlarged so that our neighborhood can benefit also.

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)

## September 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
2006 S Preston St	40217	NE(60-65)	2019-09-04 12:49:00	2019-09-04 12:49:00	SDF	Too Much Noise	Investigated	Standard	None	Was calling about the noise from the planes. I have lived at this location for 63 years. The noise is terrible. You cannot even sit on the porch and have a conversation or have your windows open on nice days. It has gotten worse at night around 11:00 p.m. and especially between 2:00 p.m. and 6:00 p.m. I heard that you were doing some kind of insulation for the people in Schnitzelberg.
616 W Ashland Ave	40215	SW (<60)	2019-09-05 13:31:00	2019-09-05 13:31:00	SDF	Other	Investigated	Non-Standard	Weather	It has been a while since I conversed with you and am not sure if you remember me as a Beechmont resident and a BNA Member who has been and remains interested in developments at the airport. In that you have always been helpful, a quick question. When they started clearing the West Quadrant of the airport property of trees etc. a couple of years ago, I reached out to you regarding plans for the cleared area. At that time I was told there were no specific plans for its use. However, now they appear to be bulldozing in that Western Quadrant off South Crittenden Drive. Do you know the plans for the area, and if not, is there someone you could refer me to for information? Again thanks for your prior assistance and any assistance you can provide on an update.
100 Walter Graham	40109	SW (<60)	2019-09-09 09:45:00	2019-09-09 09:45:00	SDF	Other	Investigated	Standard	None	I was calling in to see if you could give me an update on the status of the departure procedure test.

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## September 2019

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620 W. Ormsby	40203	NW (60-65)	2019-09-09 23:05:00	2019-09-09 23:05:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	None	We are getting airplanes overhead now. It is 11:00 p.m. They just started but I am looking at the trees and I don't see much breeze. I am curious as to why they are flying the planes over.
2221 S Preston St	40217	NE (60-65)	2019-09-12 16:23:16	2019-09-12 16:23:16	SDF	Too Much Noise	Investigated	Standard	None	<p>We understand that studies regarding the noise level of aircraft are being conducted in our neighborhood.</p> <p>We feel that the residents of Preston Street and Shelby Street from Lynn Street to Eastern Parkway are the area most severely impacted by aircraft. These aircraft fly directly over our properties. The aircraft are so low that they already have their landing gear down. The noise is so intense that it shakes our houses. These aircraft fly over our properties all day and all night. The biggest problem is the UPS jets that fly at night between the hours of approximately 3:00 a.m. to 5:30 a.m. This noise level keeps many of our residents from being able to sleep. We the undersigned residents request that our properties be included in the noise abatement studies and that our property owners receive remedies for these issues.</p>

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## September 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
1673 Holsclaw Hill Rd	40109	SW (60-65)	2019-09-13 15:04:00	2019-09-13 15:04:00	SDF	Too Much Noise	Investigated	Standard	None	Homeowner is concerned about the times in which flights are allowed to leave the SDF and would like information about noise mitigation for her home such as windows, doors, and so on. She has spoken with Bob Slattery (Noise Officer) and attended community noise forums. She would like to know if there are any regulations concerning the times of flights and any possible course of action for relief such as noise mitigation. She states she is outside of the 65 DNL and Mr. Slattery has setup a noise meter outside of her home.
10701 Mitchell Hill Rd	40118	SW (<60)	2019-09-20 11:01:00	2019-09-19 17:14:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Ops	This is the person with the log house out in Fairdale. We've talked about planes turning out early before. Yesterday afternoon six planes flew directly over my house. My address is below; you can look it up and see it is not in the normal flight paths. 5:14 UPS, 5:16 UPS, 5:24 Southwest, 5:34 other commercial--could not tell who from belly of plane but did have blue tail, 5:36 UPS, and 6:08 UPS. In between these times I could hear planes in the distance or saw some who turned out where they normally do. Who determines exactly where the turn is made, the pilot or the air traffic controller? If it's the controller why would they turn some planes early and not others? I would appreciate if you could tell me why this happens. Also, I would like to be included in any future noise studies.

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## September 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
10701 Mitchell Hill Rd	40118	SW (<60)	2019-09-22 18:07:00	2019-09-22 16:30:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Ops	Just wanted to let you know two UPS jets flew over Fairdale which is north of my house. This happened at 4:59 and 5:00. My husband who has been retired longer than I have and has been watching the air traffic longer says this happens about once a week.
2401 Aintree Way	40220	NE (NA)	2019-09-26 13:38:00	2019-09-24 14:25:00	LOU	Aircraft Too Low	Investigated	Standard	None	On Tuesday 9/24/19 at approximately 2:25 p.m. I was driving south on Breckenridge Ln near Springhill Rd when a plane crossed over heading toward Bowman Field. This plane was so low it seemed almost unreal. I looked at the power lines and top of the house on the left and the two story apartment buildings on the right. It cleared the apartment buildings by the distance of 1-1/2 stories. I figured if they were four stories high the plane would have hit the building. What was worse was knowing that this was a low spot on Breckenridge Ln. This plane was too low to clear the two story apartment buildings a block or two away uphill. SCARY!!!! I hope this was a crippled plane trying to eke it out to get to Bowman Field. If not I feel like the pilot and any tower control person who dictated this low altitude should be reported. I pray it is not just another really bad example of the planes just barely clearing buildings and power lines around this area. Is there not a minimum distance or clearance from buildings? I can't imagine what it must be like to work at one of the hospitals or office buildings in the Dupont area and look out the window and see a plane at eye level or lower and mere yards away.

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3. Comments may be edited for space, format, or unrelated content.

# Comments (SDF/LOU)

## September 2019

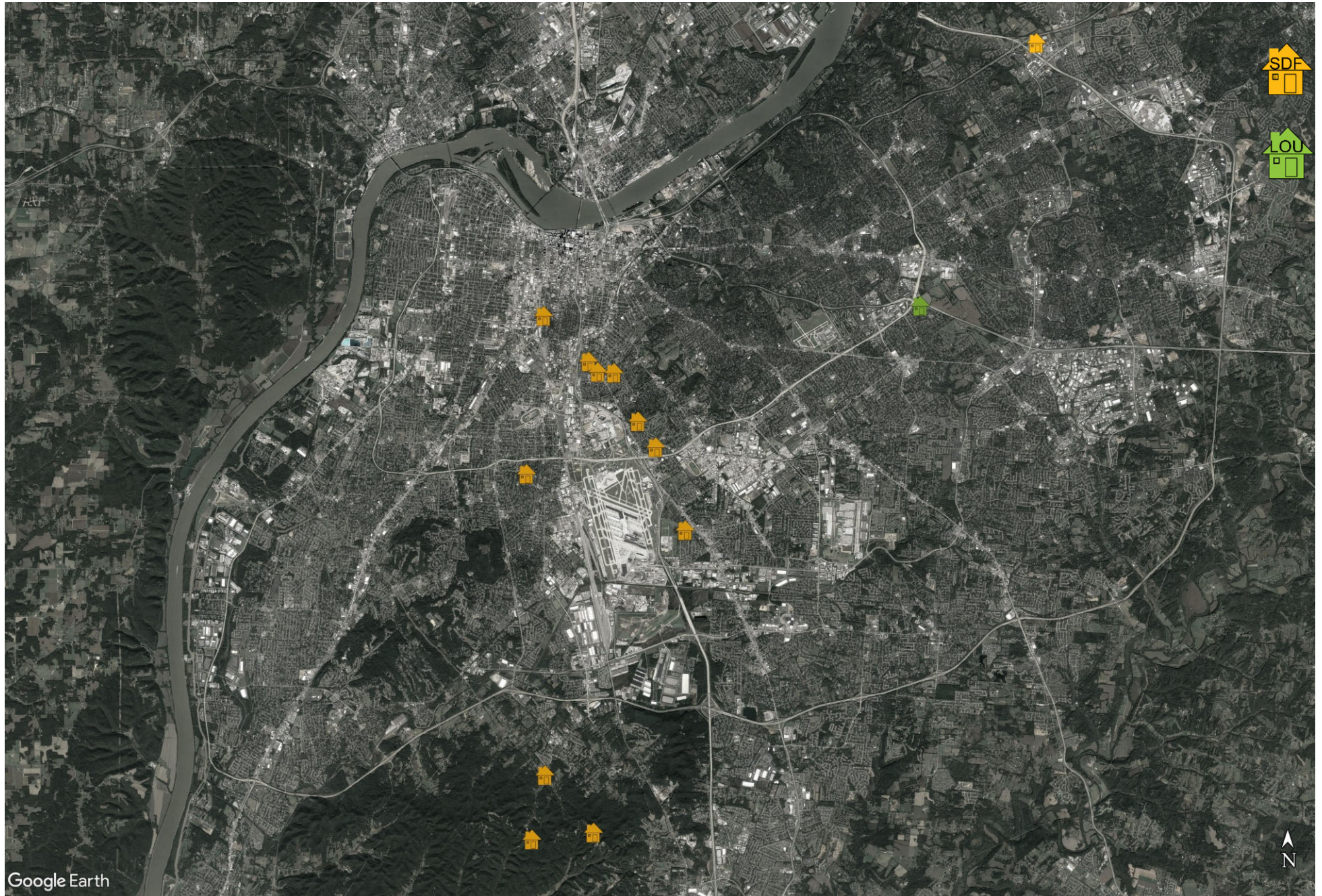
Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
878 Minoma Ave	40217	NE (60-65)	2019-09-25 13:46:00	2019-09-25 13:46:00	SDF	Other	Investigated	Standard	None	I am calling to see if something can be done about the noise of the planes flying over the house. I have an upstairs and I had company come in from out of town and instead of sleeping upstairs they got up at night and went downstairs to the basement. I was wondering if there was anything that could be done.
1001 Cardinal Dr	40213	NE (60-65)	2019-09-27 16:10:00	2019-09-26 16:00:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I was out sitting on porch and heard planes going over every 4-5 minutes. There is too much noise from the airport.
1290 Springdale Dr	40213	NE (60-65)	2019-09-29 12:50:00	2019-09-29 12:50:00	SDF	Other	Investigated	Standard	None	Could you tell me if my address is eligible for help with this program?
							Received	LRAA	14	

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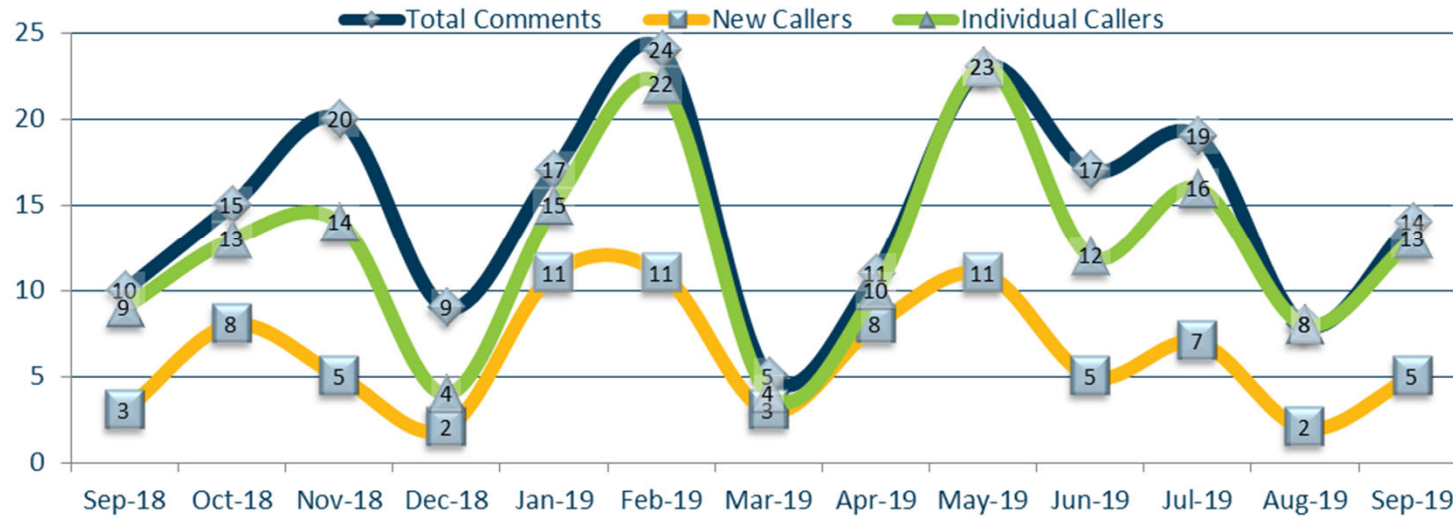
# Comment Location (SDF/LOU)

September 2019

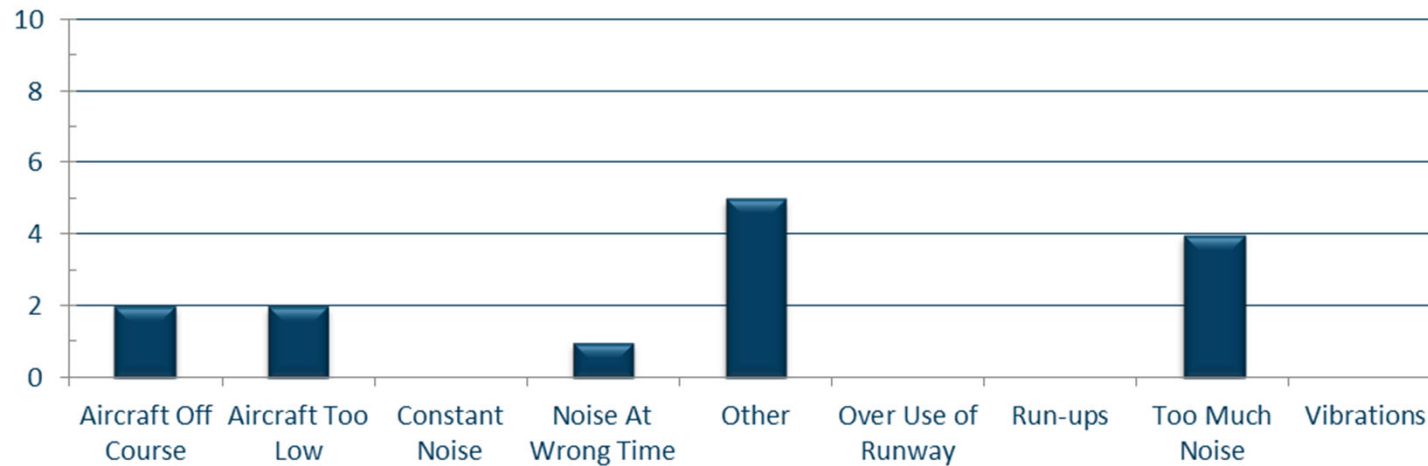




## New Address/Comments per Month (SDF and LOU)



## Comment Type (SDF and LOU) September 2019



# NOISE COMMENT REPORT



# Comments (SDF/LOU)

## October 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
Holsclaw Hill Rd	40109	SW (60-65)	2019-10-03 08:45:00	2019-10-03 03:00:00	SDF	Aircraft Off Course	Investigated	Standard	None	Can you tell me what the status of that departure test is? I thought they might be doing it, but then this morning they were coming right down the driveway again.
S Preston St	40217	NE(60-65)	2019-10-11 11:37:00	2019-10-11 11:37:00	SDF	Other	Investigated	Non-Standard	Weather	I have talked with you before about noise pollution. I was hoping you could send me out some of the information that we discussed.
Aintree Way	40220	NE (NA)	2019-10-11 13:54:00	2019-10-11 13:54:00	LOU	Too Much Noise	Investigated	Standard	None	I have noticed recently that some of the low flying planes are "powering down" some as they descend to tree-top low altitude as well as when doing flight training near my house (Aintree Way). It makes a HUGE difference towards reducing the noise. If they did that all the time I might be able to enjoy time in my yard at some point. Yesterday I noticed the planes were low as usual (just above the tree tops) but far less irritating because they appeared to be gliding relatively quietly. I hope they will continue to do so. Finally after enduring the seemingly incessant loud noise of low flying propeller planes all summer I found that on the day school started most of it came to an abrupt end. It has brought a welcome relief. That combined with less noise because of planes "powering down" (?) has made conditions more tolerable for me. I relapsed into depression this summer as I was suddenly relegated to staying inside as I found the loud noise of low flying propeller planes passing over me every 2-3 minutes simply intolerable. I hope the pilots continue to give some consideration towards reducing noise impact.

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# Comments (SDF/LOU)

## October 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
Bardstown Rd	40204	NE (<60)	2019-10-16 08:19:00	2019-10-16 03:00:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Weather	I sit on my front porch each morning and enjoy my coffee in the Highlands. This morning for the first time I can recall there have been a series of airplanes flying from west to east departing SDF. Why is that?
St Paul Ct	40203	NE (60-65)	2019-10-16 13:50:00	2019-10-16 13:50:00	SDF	Other	Investigated	Non-Standard	Weather	My television just goes out from about 1:30 p.m. to about 5:00 p.m. I have been noticing this for about a month. Can you shed some light on that for me? The planes come from the southeast but I go outside and I do not see anything.
Holsclaw Hill Rd	40109	SW (60-65)	2019-10-22 04:11:00	2019-10-22 01:20:00	SDF	Constant Noise	Investigated	Standard	None	The planes are ridiculous at 1:20 a.m. and 3:30 a.m. this morning and they are still going. I hope you have a resolution for all of this because it is getting worse and they are getting ready to do an expansion.
Holsclaw Hill Rd	40109	SW (60-65)	2019-10-23 04:01:00	2019-10-23 04:01:00	SDF	Too Much Noise	Investigated	Standard	None	There is too much noise tonight. I can't even sleep during the day now. Give me a call.
Lantana Dr	40229	SE (<60)	2019-10-25 16:05:00	2019-10-24 08:00:00	SDF	Other	Investigated	Standard	None	I would like to report an incident that keeps happening to me. I have jets hovering over my home and I believe they are sending down infrared rays. This has been going on for a while and I have contacted the FBI. Can you look into this?
Melford Ave	40217	NE (60-65)	2019-10-29 16:00:00	2019-10-29 16:00:00	SDF	Other	Investigated	Standard	None	I am calling about the program for new HVAC, water heaters, and windows. I recently purchased this home. I had to put new windows in downstairs because it was too noisy. I would like to know if I can get reimbursed.

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# Comments (SDF/LOU)

## October 2019

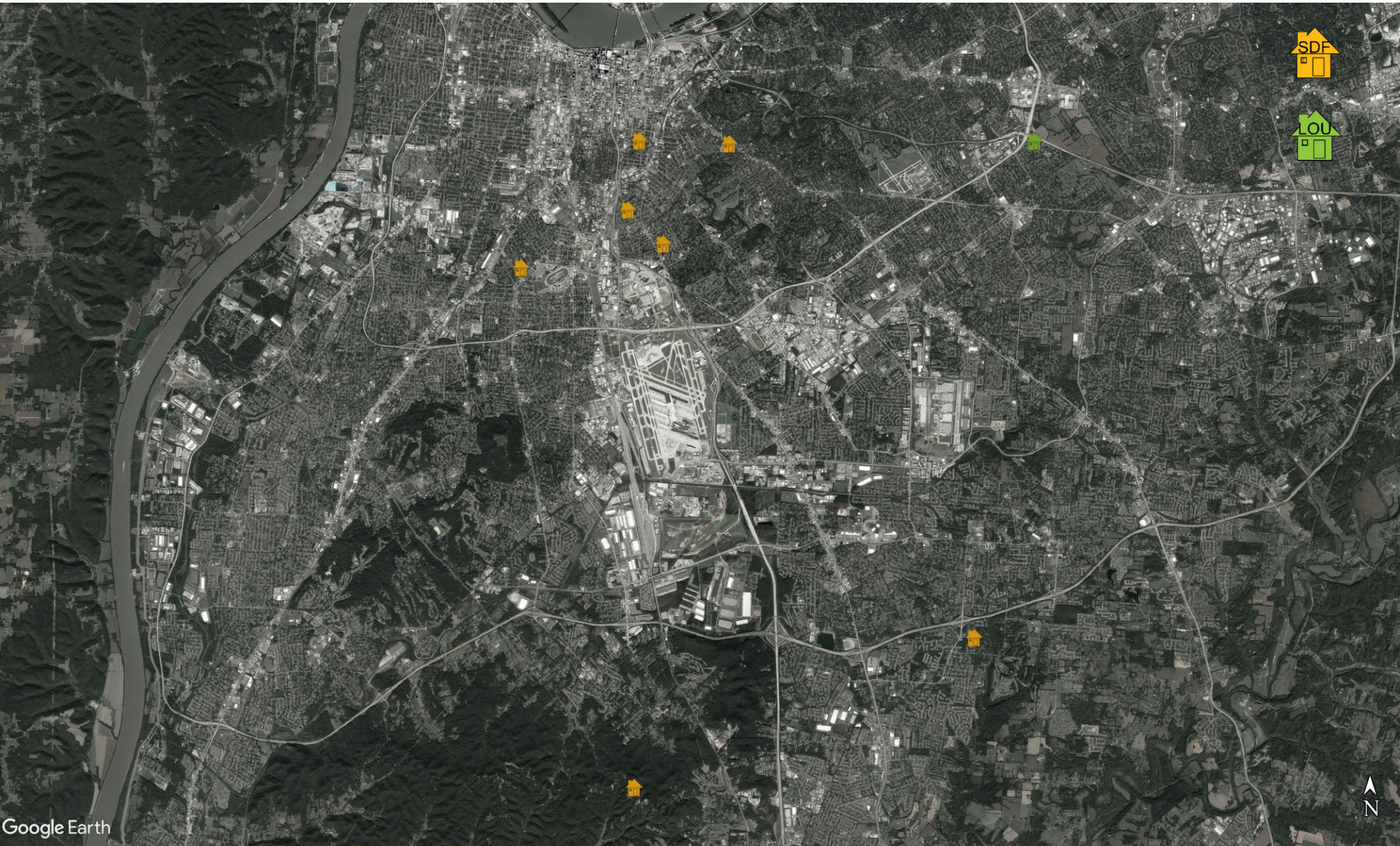
Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
Phyllis Ave	40215	NE (<60)	2019-10-30 14:35:00	2019-10-30 04:45:00	SDF	Other	Investigated	Standard	Weather	I moved here in part to get out of the flight path. I lived in Old Louisville. At 4:45 a.m. this morning I was awakened to what sounded like a plane flying close to my house. These planes seem to be circling and have continued to do so all morning. I'm writing now at 10:30 a.m. and I still hear them flying over. It is cloudy so I cannot see the planes to know if they are close or just sounds like it. Have the flight paths changed? I am wondering if this is a temporary or long term change. What is happening and how long will it continue?
							Received	LRAA	10	

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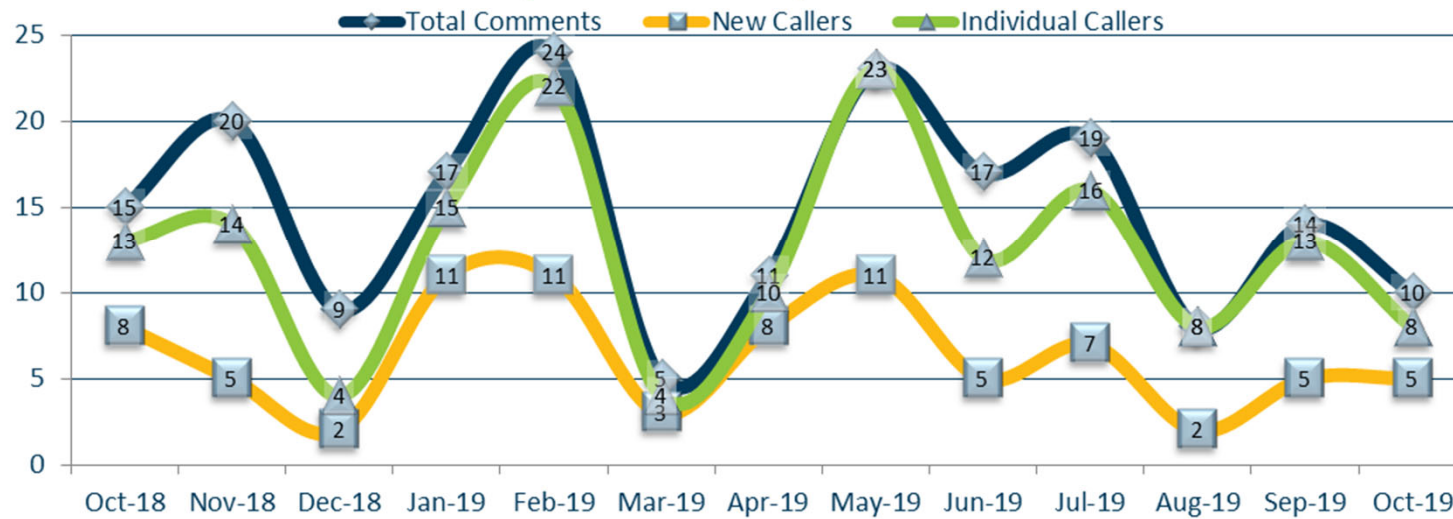
# Comment Location (SDF/LOU)

October 2019



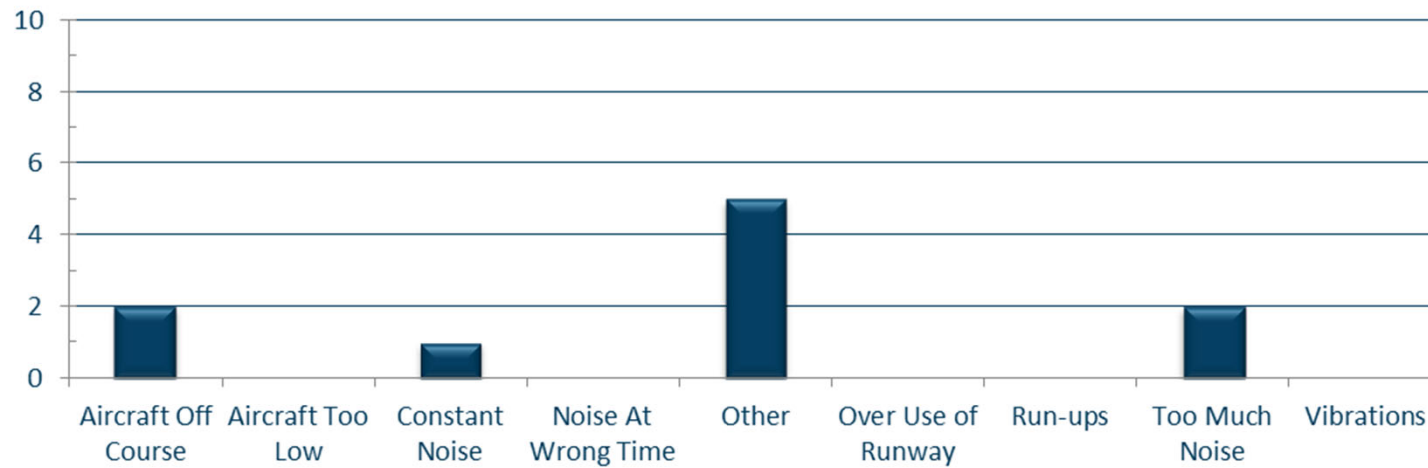


## New Address/Comments per Month (SDF and LOU)



## Comment Type (SDF and LOU)

October 2019



# Daily Runway Use Uncorrected (SDF) September 2019

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

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 September 2019

Day	Date	Time	Comment
Sun	1-Sep-19		
Mon	2-Sep-19		
Tue	3-Sep-19	0930-1230	REM SOUTH FLOW FOR TWY CLOSURES (TWY C CLSD BTN TWY F AND UPS RAMP 11) AND FCST WIND 1708
Wed	4-Sep-19	1300-1330	REMAINING NORTH FLOW DUE TO FORECASTED WIND 3208
Thu	5-Sep-19		
Fri	6-Sep-19	1630-1900	FORECASTED WIND 32012
Sat	7-Sep-19	0730-0000	REMAINING NORTH FLOW, VA RWY 35L/R, WIND 0109
Sun	8-Sep-19	0000-0600	REMAINING NORTH FLOW, VA RWY 35L/R, WIND 0109
Mon	9-Sep-19	2200-0000	PILOTS ARE REPORTING A SIGNIFICANT TAILWIND AT 500 FEET AGL 15 TO 20 KNOTS ADVERSELY EFFECT PILOTS ABILITY TO CONDUCT STABLE APPROACHES.
Tue	10-Sep-19	0000-0230	PILOTS ARE REPORTING A SIGNIFICANT TAILWIND AT 500 FEET AGL 15 TO 20 KNOTS ADVERSELY EFFECT PILOTS ABILITY TO CONDUCT STABLE APPROACHES.
Wed	11-Sep-19	0930-1230	REM SOUTH FLOW FOR WIND 1708
Thu	12-Sep-19	1300-2130	REMAINING NORTH FLOW DUE TO WIND 30010
Fri	13-Sep-19		
Sat	14-Sep-19	1300-1530	STAYING NORTH FLOW RWY 35L ONLT TO STAY AWAY FROM POSSIBLE DRONE/UAS CONCERNS AT THE FAIRGROUNDS
Sat	14-Sep-19	1830-0000	STAYING NORTH FLOW RWY 35L ONLT TO STAY AWAY FROM POSSIBLE DRONE/UAS CONCERNS AT THE FAIRGROUNDS
Sun	15-Sep-19		
Mon	16-Sep-19		
Tue	17-Sep-19	1300-1530	REMAINING NORTH WIND 0208
Tue	17-Sep-19	1700-2130	WIND 0209
Wed	18-Sep-19	1300-2130	NO REASON GIVEN
Thu	19-Sep-19	2200-0000	REMAINING SOUTH TO ENSURE STABILIZED APPROACHES DUE TO WIND AT ALTITUDE. WIND AT 500 AGL 21516
Fri	20-Sep-19	0000-0230	REMAINING SOUTH TO ENSURE STABILIZED APPROACHES DUE TO WIND AT ALTITUDE. WIND AT 500 AGL 21516
Sat	21-Sep-19		
Sun	22-Sep-19		
Mon	23-Sep-19	0430-0500	WIND 28008
Tue	24-Sep-19		
Wed	25-Sep-19		
Thu	26-Sep-19	0300-0700	REMAINING NORTH FLOW, WINDS 2915 500FT AGL.
Thu	26-Sep-19	1730-2130	WIND 30010KT
Fri	27-Sep-19		
Sat	28-Sep-19		
Sun	29-Sep-19		
Mon	30-Sep-19		

# Daily Runway Use Uncorrected (SDF) October 2019

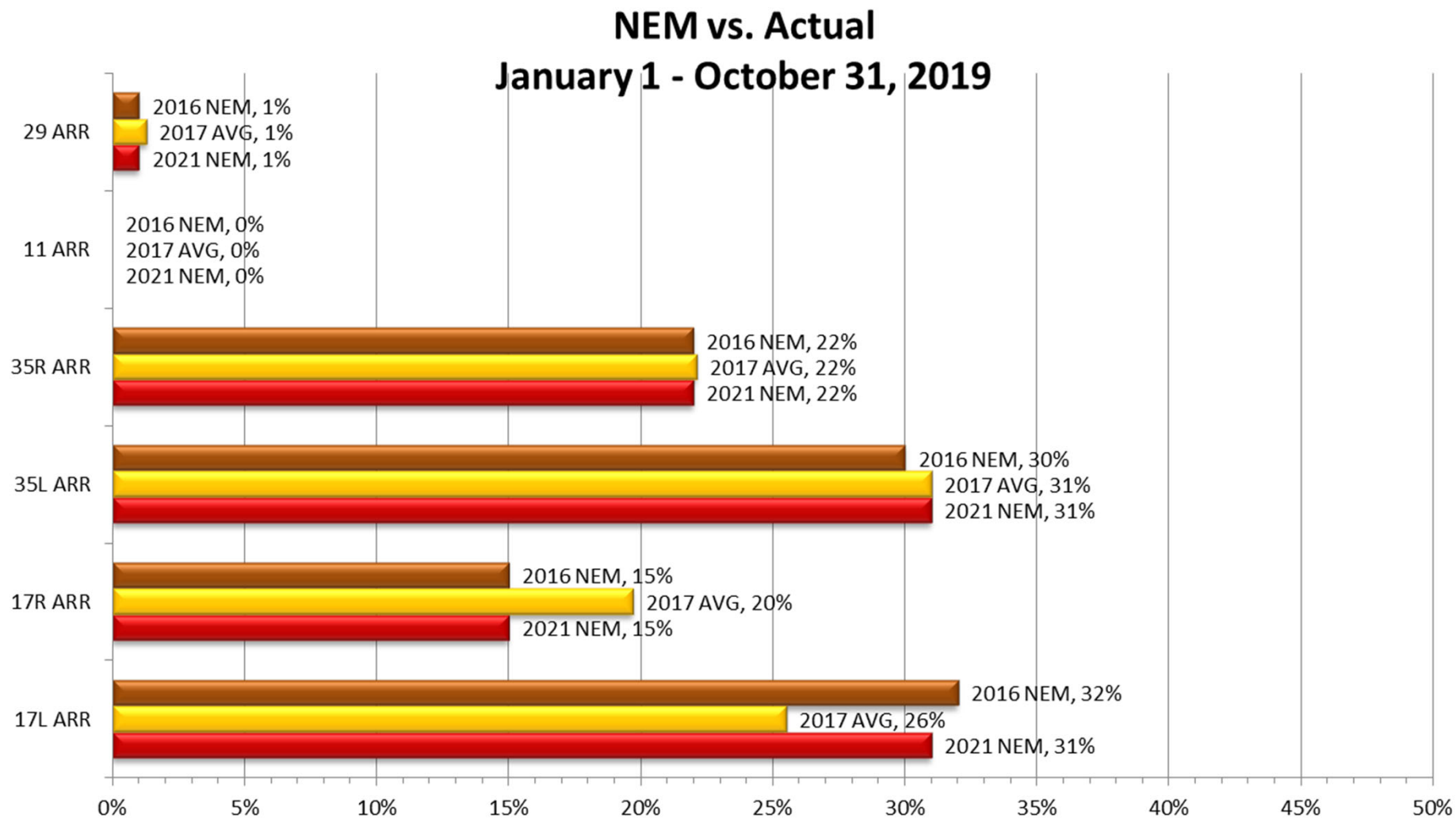
[illegible]

# Daily Runway Use (SDF)

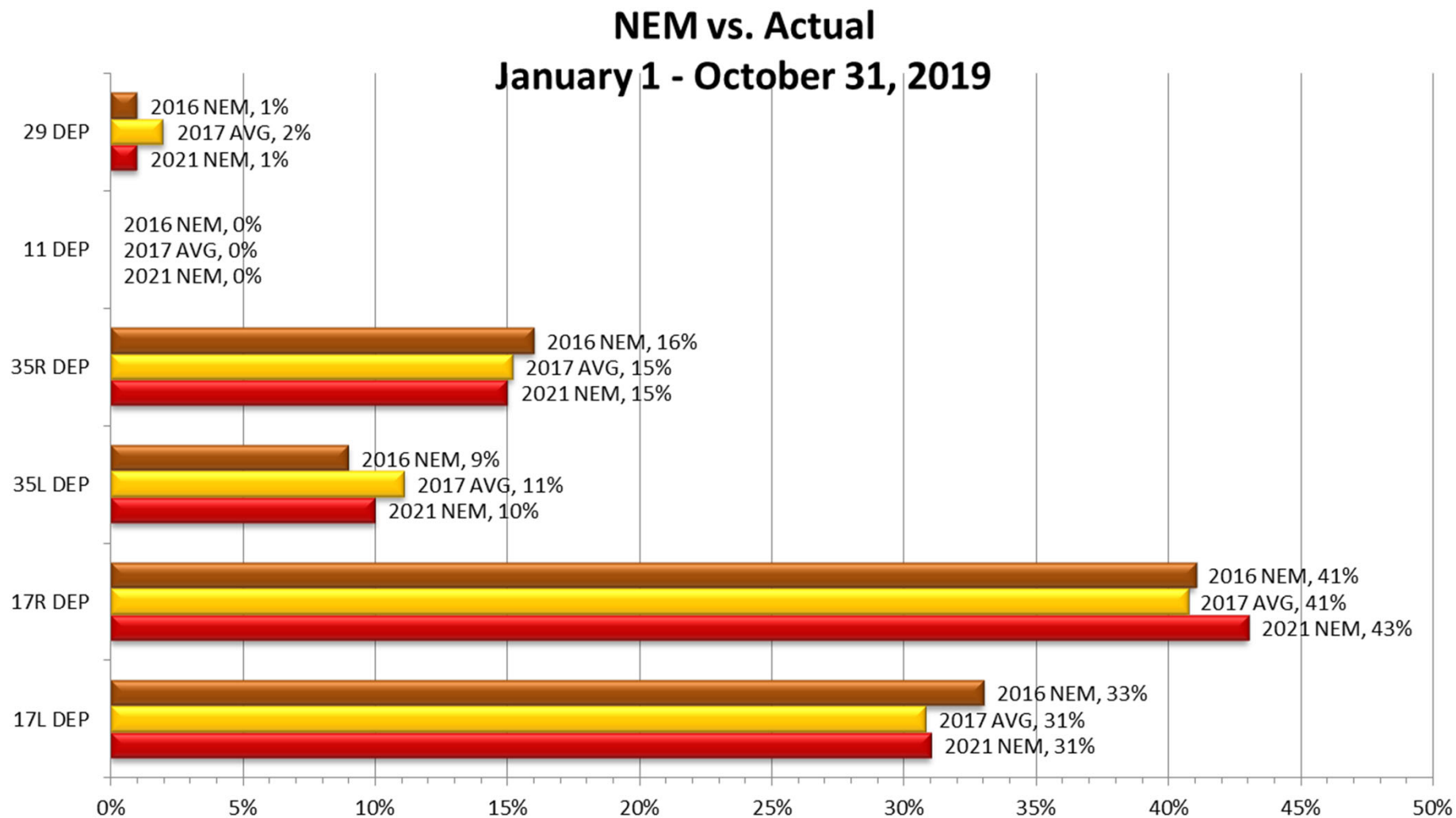
Tower Comments October 2019

Day	Date	Time	Comment
Tue	1-Oct-19		
Wed	2-Oct-19	0930-1230	REM SOUTH FOR FCST WIND 2511G20
Thu	3-Oct-19	0930-1230	REMAINING SOUTH FLOW DUE TO TAXIWAY AND RUNWAY CLOSURES
Fri	4-Oct-19	2000-2130	WIND 01010
Sat	5-Oct-19		
Sun	6-Oct-19		
Mon	7-Oct-19		
Tue	8-Oct-19	0530-0900	CAT II/III OPERATIONS COMMENCED
Tue	8-Oct-19	1530-2130	REMAINING NORTH FLOW DUE TO CURRENT WIND 06014G17
Wed	9-Oct-19		
Thu	10-Oct-19	2200-0000	WIND 1506 (MULTIPLE PILOT REPORTS 160@25)
Fri	11-Oct-19	0000-0230	WIND 1506 (MULTIPLE PILOT REPORTS 160@25)
Sat	12-Oct-19		
Sun	13-Oct-19		
Mon	14-Oct-19		
Tue	15-Oct-19		
Wed	16-Oct-19	2000-2130	WIND 320@13G18
Thu	17-Oct-19	1500-2130	WIND 310@7G14
Fri	18-Oct-19	1300-1400	REASON UNDOCUMENTED
Sat	19-Oct-19	0930-1130	NORTH FLOW DUE TO SPECIAL EVENT DIRECTLY NORTH OF SDF
Sun	20-Oct-19		
Mon	21-Oct-19		
Tue	22-Oct-19		
Wed	23-Oct-19	0930-1130	REMAINING SOUTH FLOW DUE TO E TAXIWAY CLOSURE AND WIND FORECAST
Thu	24-Oct-19	0930-1000	LATE SWITCH DUE TO TRAFFIC
Thu	24-Oct-19	1300-1330	DELAYED SWITCH DUE TO TRAFFIC VOLUME
Fri	25-Oct-19	1300-1500	REMAINING NORTH FLOW, WIND 0208
Sat	26-Oct-19		
Sun	27-Oct-19		
Mon	28-Oct-19	0800-0900	ILS RWY 35R IN USE DUE TO LOW CEILINGS
Tue	29-Oct-19		
Wed	30-Oct-19		
Thu	31-Oct-19		

# Runway Use (SDF Arrivals)



# Runway Use (SDF Departures)





# Runway Use 0930L-1230L<sub>(SDF)</sub>

As of October 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
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
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
Monthly Avg	0	20	22	1	35	24	59	953	0	21	20	2	12	46	58	419

# Gate Compliance by Runway

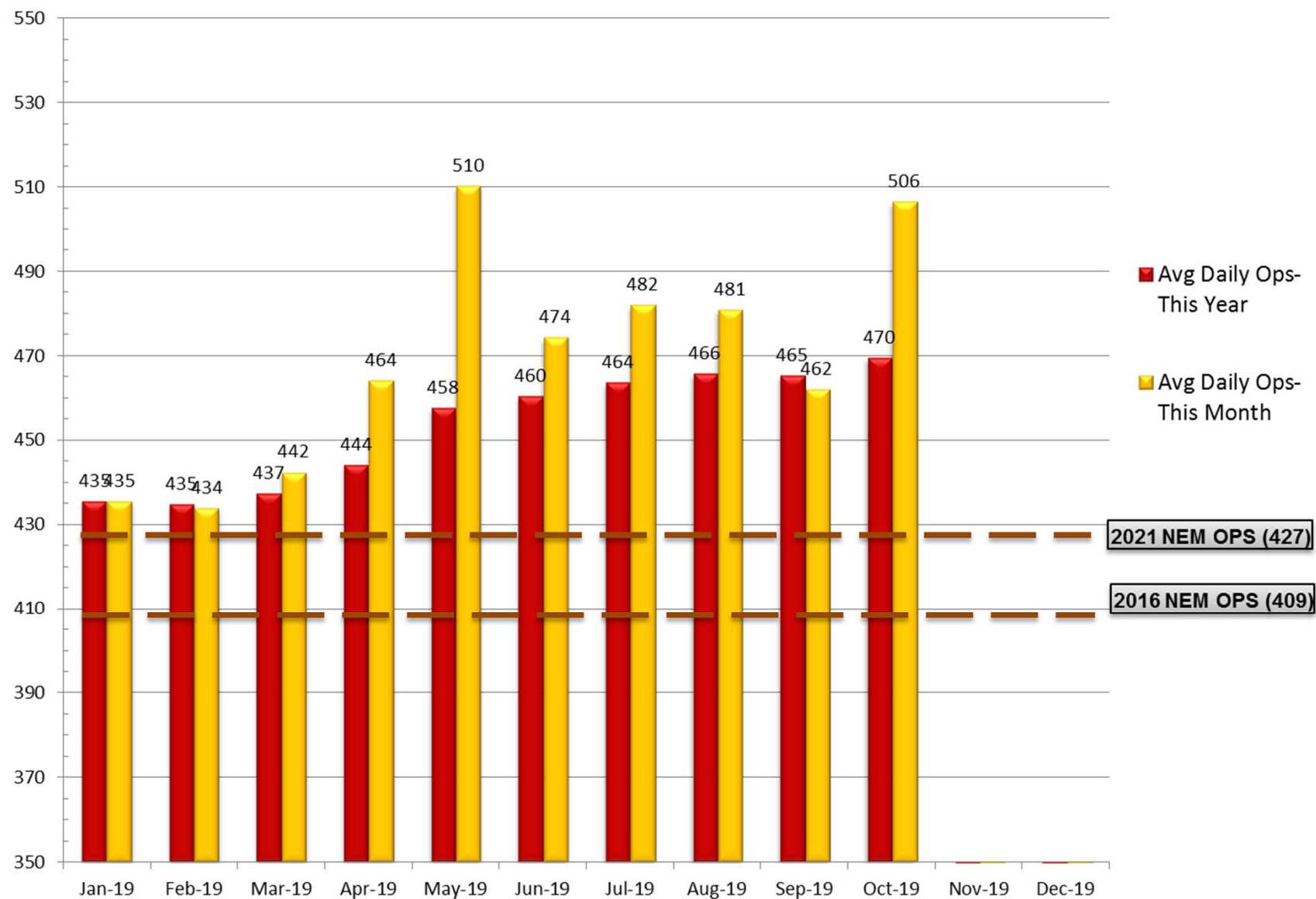
As of October 31, 2019

ARRIVALS Percent Compliant					Departure Percent Compliant					
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
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%
Sep-19	89%	92%	88%	89%	90%	89%	92%	79%	92%	88%
Oct-19	92%	93%	90%	91%	92%	88%	93%	75%	85%	85%
24 Month Avg.					91%					81%

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

# Operations (SDF)

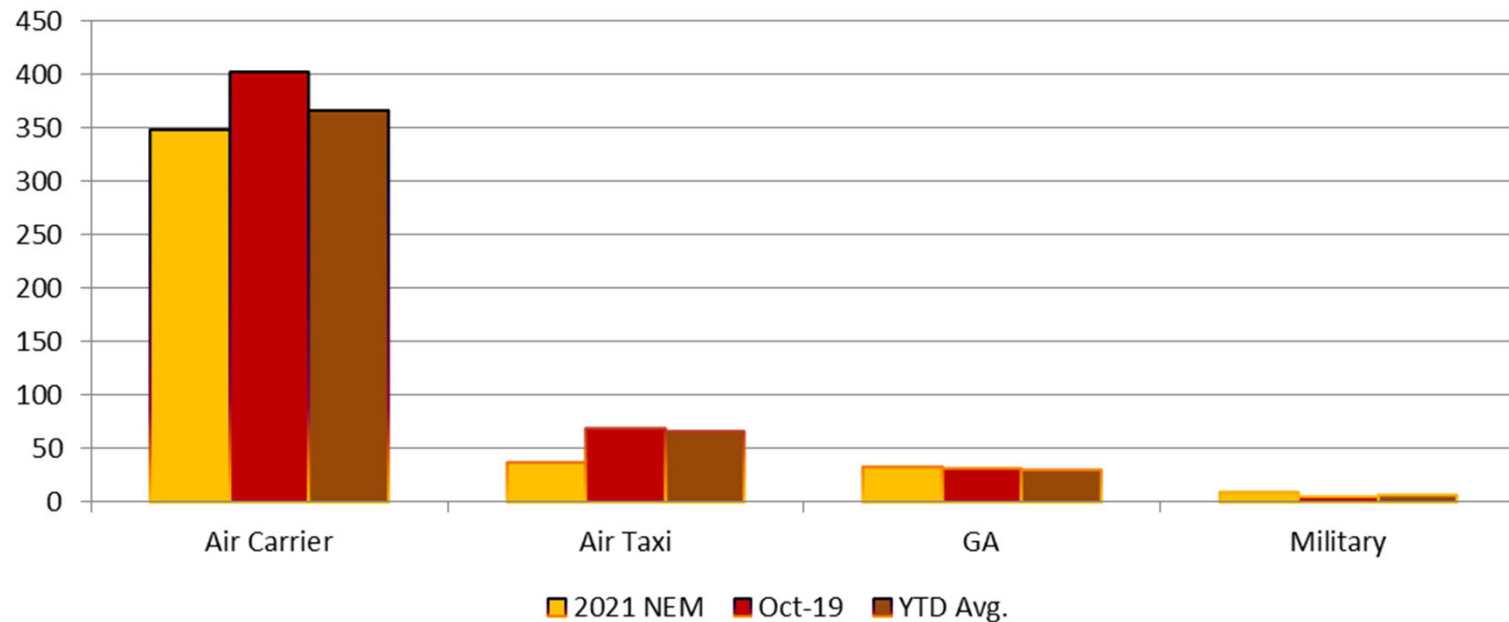
As of October 31, 2019



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

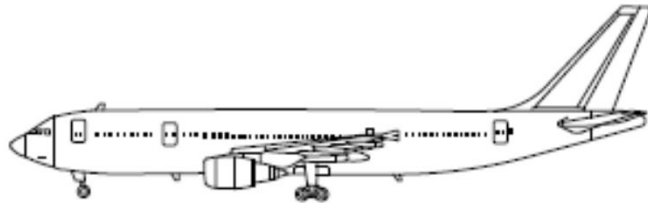
# Operations by Aircraft Category (SDF)

As of October 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)



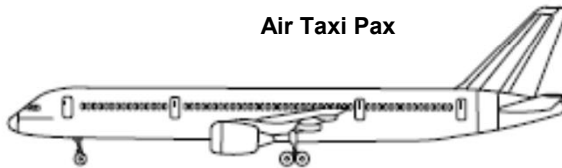
**A300**  
Air Carrier Cargo



**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