

**Community Noise Forum**  
**Monday, November 26, 2018**  
**Agenda**

- I. Call to order: 6:00 PM
- II. Minutes: September 24, 2018
- 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. 2018 FlyQuiet Award
- VI. Presentation: Residential Sound Insulation Plan: Wendy Harrower, C&S.
- VII. Report on ACI Noise Mitigation Conference: Bob Slattery
- VIII. Guest Comments
- IX. Announcements
- X. Next Meeting: January 28, 2019
- XI. Adjournment

**COMMUNITY NOISE FORUM (CNF)**  
**Monday, September 24, 2018**

**Members**

John Sistarenik, ANA  
Tom Foote, Airline Affairs  
Mary Rose Evans, LRAA Board  
Brian Sinnwell, LRAA  
Bob Slattery, LRAA

Verná Goately, Metro  
John Greathouse, Southwest (Alt)  
Ken Dietz, UofL  
Mike Zanone, Northwest

**Guests**

Jonathan Bond, UPS  
Don Slocum, Preston Park  
Shannon Qher, S. 3<sup>rd</sup> Street  
Nicole George, Southern Parkway

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

**Part 150 NCP:**

- A. Working Group Report:** John Sistarenik reported the following regarding the CNF Working Group:

A group of neighbors along with State Representative Jeff Donohue approached the Community Noise Forum (CNF) expressing concerns regarding aircraft overflights in areas south of the airport. The CNF established a working group to look into this issue. Utilizing technical support provided by Captain Jonathan Bonds of UPS and the LRAA, the working group determined that increasing the utilization of current RNAV departure paths recommended in the Airports Noise Compatibility Program (NCP) through the use of a procedure called an Open Standard Instrument Departure (Open SID) may help to reduce overflights for many areas both north and south of the airport. The CNF is recommending implementation of a pilot program in which UPS would utilize open SID's during its nighttime operations for a set period of time on a trial basis only. This would allow the CNF to review the effectiveness of the procedure and address any possible concerns from airport neighbors. It is anticipated that the pilot program would begin sometime in early 2019.

Jonathan Bonds briefly discussed some additional details of the proposal and addressed questions from CNF members. A discussion followed regarding the exact location of the proposed tracks for the tests. Jonathan informed the group that the tracks for the trial period would have to be the same as they are today for the current SID's. However, after the trial period and when the FAA comes in to do the airspace redesign, it may be possible at that time to make potential

adjustments to the procedures. Ken Deitz asked if there would be any noise monitoring done during the trial period. Jonathan replied that data collection during the trial period would consist of flight tracks and possible complaint data. Due to recent organizational changes at the FAA, it would most likely be in the March timeframe before the trial would begin. John Sistarenik asked if there was a motion to accept the working group report and have Jonathan move forward with preparations for the proposed trial period. A motion to accept was made by Ken Deitz and seconded by John Greathouse. The group voted unanimously to accept the report and proceed with the trial period.

- B. Noise Insulation Program: Residential** – A draft program boundary and acoustical test plan have been submitted to the FAA for their review. Program policies and procedures are in-work. Once all required approvals are received and funding has been secured we will be ready to roll the program out to public and begin the process of notifying homeowners. **UofL** - On September 21 there was a teleconference with the University, FAA, and SHPO to address University concerns received during the consultation process. It is expected that the FAA will be completing review of the EA soon.
- C. Contraflow Exceptions:** Contraflow for July was 90% for arrivals from the south and 77% for departures to the south. In August, arrivals from south were 72% and departures to the south were 88%. A daily summary for July and August is contained in the handout. The 2 year average (September 2016-August 2018) for contraflow is 73% for arrivals and 76% for departures. A monthly summary going back 8 years is also included in the handout.

#### **Current Noise Concerns:**

- A. Report on Noise Concerns/Complaints:** A total of 11 comments were received in July. In August a total of 7 comments were received. Comments and locations are contained in the handout.
- B. Runway Utilization:** Runway utilization percentages for July and August 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 the runway rehab and electrical work has been completed for the remainder of this year. Heading into the peak season we anticipate only having typical runway closure periods (Mondays the west runway is closed and on Tuesdays the east is closed) for the remainder of the year.

**Announcements:** None.

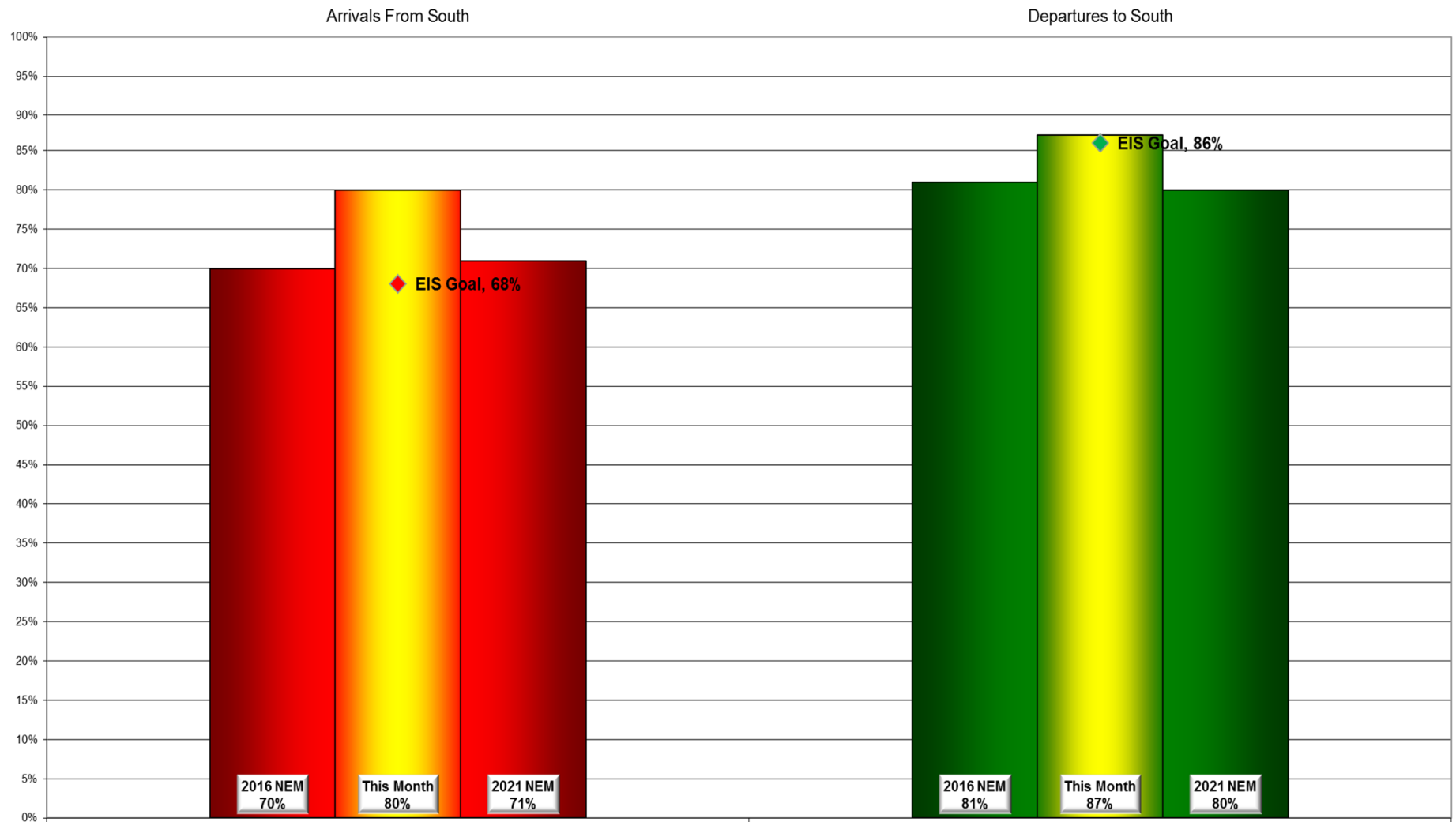
**Guest Comments:** Mr. Don Slocum of Preston Park said the UPS has mowed the grass on the property they own and asked if anyone was mowing the area north of RPZ. Brian

said that he would look into it. Mr. Slocum also asked if they were going to doing resurfacing of some of the streets and what the traffic plan was. Tom Foote said that he would check with others at UPS.

**Next Meeting:** Monday, November 26, 2018 at 6 p.m.

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

## Monthly Contraflow September 3-28, 2018



# Daily Runway Use Summary – September 2018

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

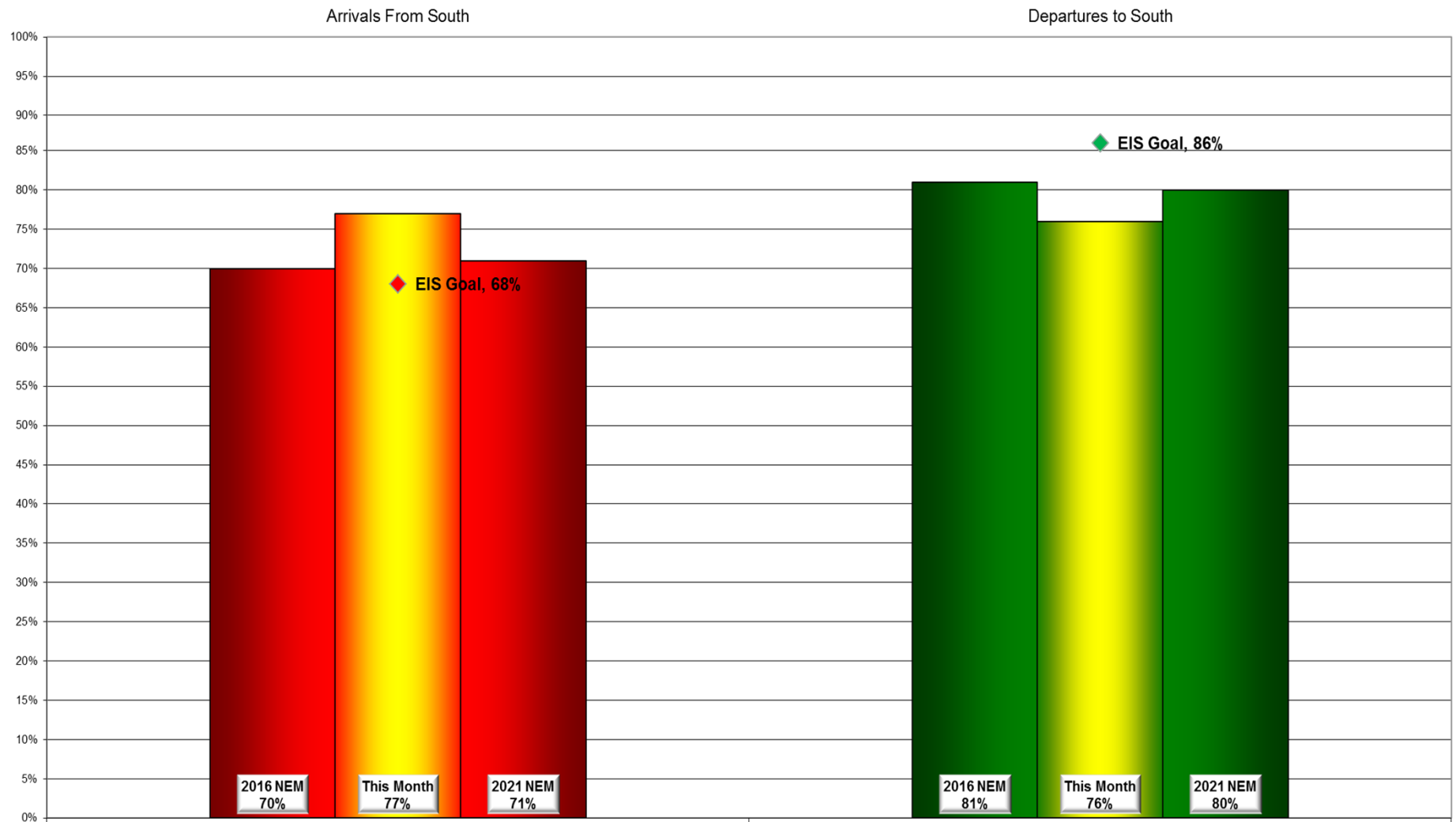
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Preferred Flow

DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

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

## Monthly Contraflow October 1-31, 2018



# Daily Runway Use Summary – October 2018

(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			
10/01/18	Mon	13%			30	57		9	4	0	170-200@5-9kts,ra	100%			38	62				0	
10/02/18	Tue	99%				1		61	38	0		86%			33	53		7	7	0	
10/03/18	Wed	14%			37	49		10	4	0	180-190@5-8kts	99%			37	62			1	0	
10/04/18	Thu	99%				1		59	40	0		92%			37	55		3	5	0	
10/05/18	Fri	92%			4	4		56	36	0		93%			37	56		5	2	0	
10/06/18	Sat																				
10/07/18	Sun																				
10/08/18	Mon	98%			1	1		61	37	0		90%			35	55		5	5	0	
10/09/18	Tue	0%			41	59				0	110-160@4-6kts	100%			41	59				0	
10/10/18	Wed	100%						63	37	0		0%					57	43	0	300-330@12-14kts,g20	
10/11/18	Thu	98%			1	1		58	40	0		55%			28	27		31	14	0	280-320@4-8kts
10/12/18	Fri	99%					1	62	37	0		0%					53	47	0	290-350@5-10kts	
10/13/18	Sat																				
10/14/18	Sun																				
10/15/18	Mon	97%			2	1		63	34	0		93%			37	56		4	3	0	
10/16/18	Tue	96%			3	1		54	42	0		93%			32	61		3	4	0	
10/17/18	Wed	100%						61	39	0		0%						55	45	0	010-070@4-7kts
10/18/18	Thu	100%						67	33	0		94%			35	59		3	3	0	
10/19/18	Fri	95%				5		56	39	0		92%			37	55		4	4	0	
10/20/18	Sat																				
10/21/18	Sun																				
10/22/18	Mon	96%			2	2		59	37	0		94%			37	57		1	3	2	0
10/23/18	Tue	97%			1	2		60	37	0		86%			37	49		6	8	0	
10/24/18	Wed	95%			2	3		59	36	0		93%			39	54		4	3	0	
10/25/18	Thu	89%			8	3		60	29	0		94%			38	56		3	3	0	
10/26/18	Fri	100%						63	37	0		0%						55	45	0	300-310@9-11kts
10/27/18	Sat																				
10/28/18	Sun																				
10/29/18	Mon	96%			1	3		58	38	0		93%			37	56		3	4	0	
10/30/18	Tue	0%			38	62				0	150-190@8-11kts	100%			33	67				0	
10/31/18	Wed	0%			44	56				0	120-150@3-8kts,ra	100%			38	62				0	

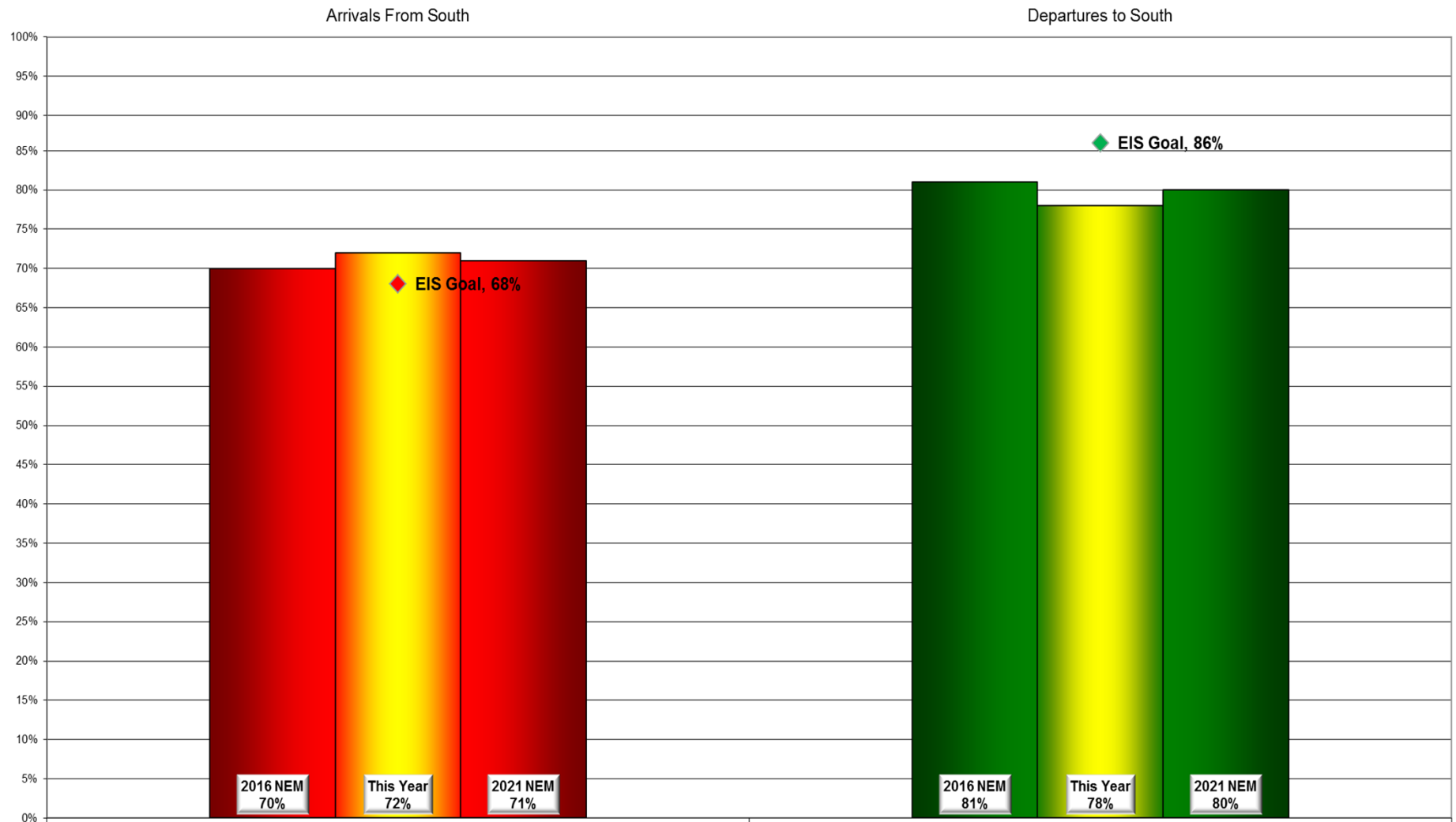
Preferred Flow

DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

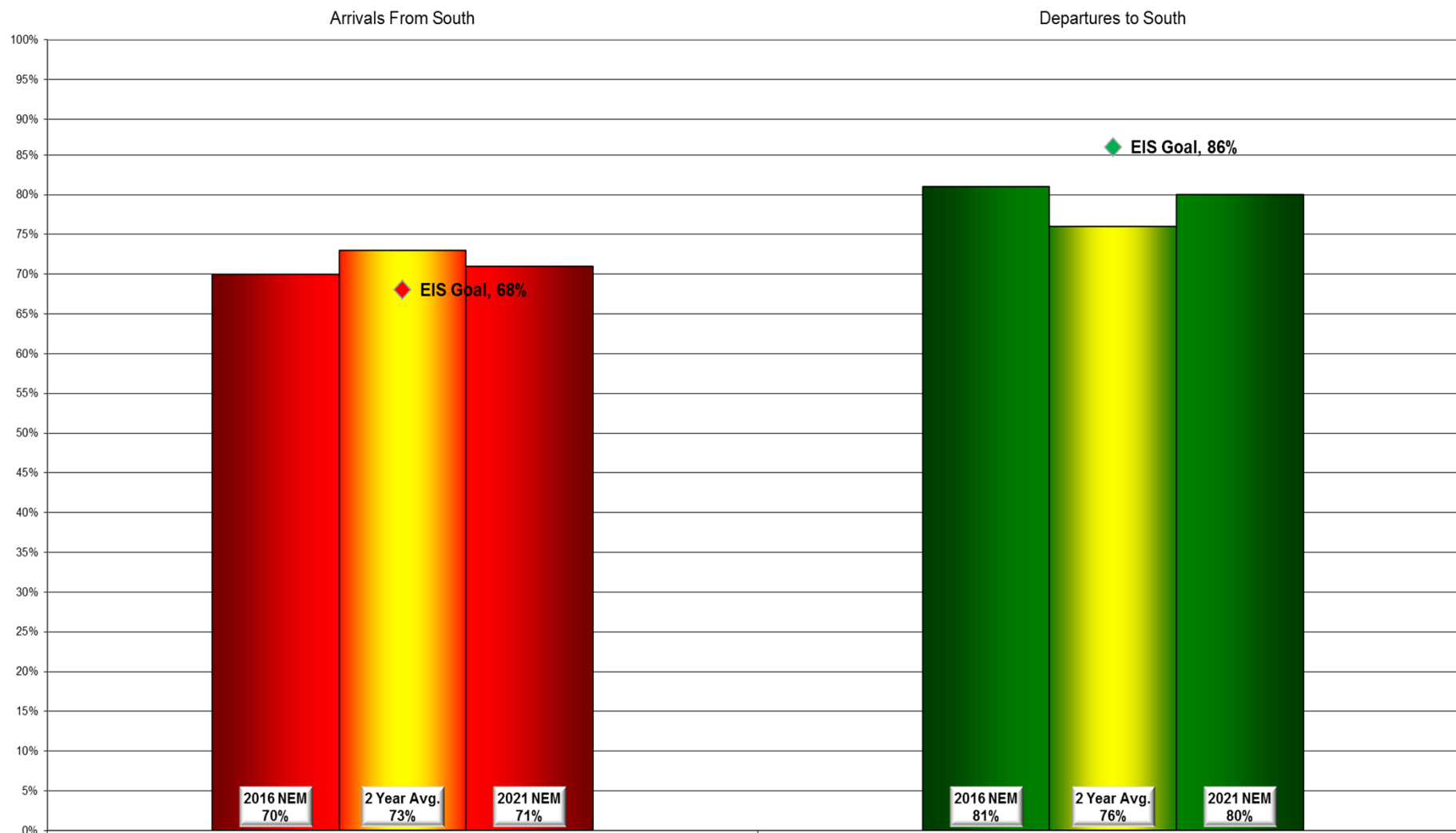
DATIS Reported Conditions Do Not Indicate  
Support for Non-Preferred Flow



## Contraflow This Year As of November 2, 2018



## Contraflow 2 Year Average November 2016 - October 2018



# Year-to-Year by Month Percent\* Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2011	2012	2013	2014	2015	2016	2017	2018	Avg		2011	2012	2013	2014	2015	2016	2017	2018	Avg
Jan	91%	62%	72%	51%	76%	69%	65%	60%	68%	Jan	71%	80%	65%	81%	76%	69%	61%	72%	72%
Feb	73%	69%	77%	72%	66%	80%	58%	67%	70%	Feb	63%	74%	78%	71%	76%	67%	77%	70%	72%
Mar	52%	61%	87%	60%	71%	63%	79%	84%	70%	Mar	72%	96%	77%	77%	66%	77%	62%	61%	74%
Apr	47%	78%	60%	67%	53%	86%	56%	73%	65%	Apr	83%	76%	89%	83%	77%	73%	80%	72%	79%
May	69%	72%	46%	60%	75%	62%	75%	43%	63%	May	85%	81%	85%	92%	80%	80%	80%	89%	84%
Jun	61%	79%	76%	75%	57%	79%	74%	74%	72%	Jun	93%	87%	80%	91%	91%	83%	93%	91%	89%
Jul	91%	62%	74%	79%	74%	59%	85%	90%	77%	Jul	88%	92%	88%	85%	80%	91%	85%	77%	86%
Aug	82%	49%	84%	61%	86%	76%	79%	72%	74%	Aug	91%	91%	92%	92%	91%	90%	90%	88%	91%
Sep	85%	55%	86%	85%	95%	88%	85%	80%	82%	Sep	64%	92%	87%	86%	73%	93%	31%	87%	77%
Oct	88%	62%	87%	75%	86%	81%	81%	77%	80%	Oct	63%	78%	89%	79%	74%	81%	82%	76%	78%
Nov	55%	84%	73%	78%	59%	74%	69%		72%	Nov	72%	81%	83%	62%	88%	77%	75%		77%
Dec	70%	64%	58%	78%	55%	75%	74%		68%	Dec	65%	67%	71%	68%	79%	62%	74%		71%
Avg	72%	66%	73%	70%	71%	74%	73%	72%		Avg	76%	83%	82%	81%	79%	79%	74%	78%	

\*Number is percentage of all operations between 10:00 PM - 7:00 AM

# NOISE COMMENT REPORT



# Comments (SDF/LOU)

## September 2018

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>
Partridge Run	40213	SE (<60)	2018-09-04 04:05:00	2018-09-04 04:05:00	SDF	Aircraft Too Low	Investigated	Standard	None	It's late, nothing happened tonight. But over the last 3 or 4 months at least 3 planes flew over so low it scared the entire neighborhood, cracked one window upstairs and a couple close by. I had just come in with groceries and the intensity made me get down on the floor, I dropped, broke eggs, smashed produce and bread. Knees buckled to take cover. That was the first one. The other 2 flew so low we could see them just above the big trees and we expected a crash with part of the trees being spattered as they ripped though. What was that and how would you respond? Personally, I'm asking you. Please explain and please don't lie or say you have no knowledge. I know how this works with the RAA. Hopefully you are not a person who is a yes man, but a stand up man.

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 2018

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>
Audubon Pkwy	40213	NE (60-65)	2018-09-10 17:03:00	2018-09-10 17:03:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Weather	I found your address online and if I've got the wrong person I'd appreciate you connecting me with the right one...I live in Audubon Park and it sounds like the SDF planes are in our back yard. Is there something going on that would cause a flight path change?
Fetter Ave	40217	NE (65+)	2018-09-13 19:18:00	2018-09-13 19:18:00	SDF	Other	Investigated	Standard	None	I heard some news in my neighborhood that we finally qualify for the aircraft noise map. I cannot find it online. Would you be able to send me the updates? I'd like to confirm, I live on Fetter Avenue.
Montrose AV	40205	NE (N/A)	2018-09-14 12:31:00	2018-09-14 11:38:55	LOU	Aircraft Off Course	Investigated	Standard	None	The arrival/departure pattern barely covers my residence or my neighbor's homes. Within the last nine months more and more small planes barely clear Drayton Avenue before swinging left out of the pattern at low altitudes. Some just clear the trees behind my house or the trees next door. The wind is not a factor as it isn't blowing. We would appreciate it if they would adhere to the midpoint of the corridor and gain a higher altitude more quickly. It is rather difficult when you are looking at the belly of the plane or you hear the drone of the engine but the angle is such that the identifying plane number isn't readily visible.
Charbdcn Ct	40207	NE (<60)	2018-09-18 09:52:00	2018-09-18 08:00:00	SDF	Aircraft Off Course	Investigated	Non-Standard	None	It seems like the planes fly over top of my home every few minutes. I can look out my bedroom window and see the airplanes coming. The predominate time is between about 8:00 a.m. and 11:00 a.m. This has been going on for a long time.

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# Comments (SDF/LOU)

## September 2018

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Charbdin Ct	40207	NE (<60)	2018-09-20 09:34:00	2018-09-20 09:00:00	SDF	Aircraft Off Course	Investigated	Standard	None	The pattern has been happening since 9:00 a.m. and they just keep coming over. Why do they keep coming over here directly at the back of my house?
Fetter AV	40217	NE (65+)	2018-09-21 10:45:08	2018-09-21 10:45:08	SDF	Other	Investigated	Non-Standard	Weather	I would like to know what is going on with noise from the airport. It is just too much sometimes. Some neighbors on Fetter received a letter from another homeowner talking about airport and UPS expansion.
S Shelby St	40217	NE (60-65)	2018-09-22 11:44:00	2018-09-22 11:44:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	The military jets going over late this week and now Saturday morning at 11:45 a.m. are above and beyond. It was dangerously ear splitting. Maybe because of the cloud cover but human safety on the ground has got to be more important. I just wanted to let you know that that was truly out of hand even compared to the UPS flights and even compared to overnight flights.
Fetter AV	40217	NE (60-65)	2018-09-26 10:00:00	2018-09-26 10:00:00	SDF	Other	Investigated	Standard	None	I received a letter and would like to know if my address is within the DNL 65 contour.

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# Comments (SDF/LOU)

## September 2018

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>
W Ashland Ave	40215	SW (<60)	2018-09-28 14:23:00	2018-09-28 03:00:00	SDF	Other	Investigated	Standard	None	I am sending you the following two complaints by Beechmont residents regarding the heavy jet fuel exhaust in the air this morning. I realize it is not an issue the Community Noise Forum looks at but I am hoping that you can forward and/or advise me who I can contact regarding the problem. That jet fuel exhaust is heavy this morning, does the EPA monitor the air quality level in Beechmont or close by? Wow, I work off the freight docks at UPS. At about 3:00 a.m. a swirling low cloud literally rolled in like I have never seen except maybe on the open water. We watched it and joked about the movie (The Mist). It became denser and denser making driving home treacherous at about 4:30 a.m. On South Critenden Drive I could not see beyond the front of the car. It became more drivable as I neared Southside Drive. I never thought about this fog being a mixture of jet full exhaust. Another tidbit: many of us including me coincidentally went into sneezing fits at about the same time.
							Received	LRAA	10	

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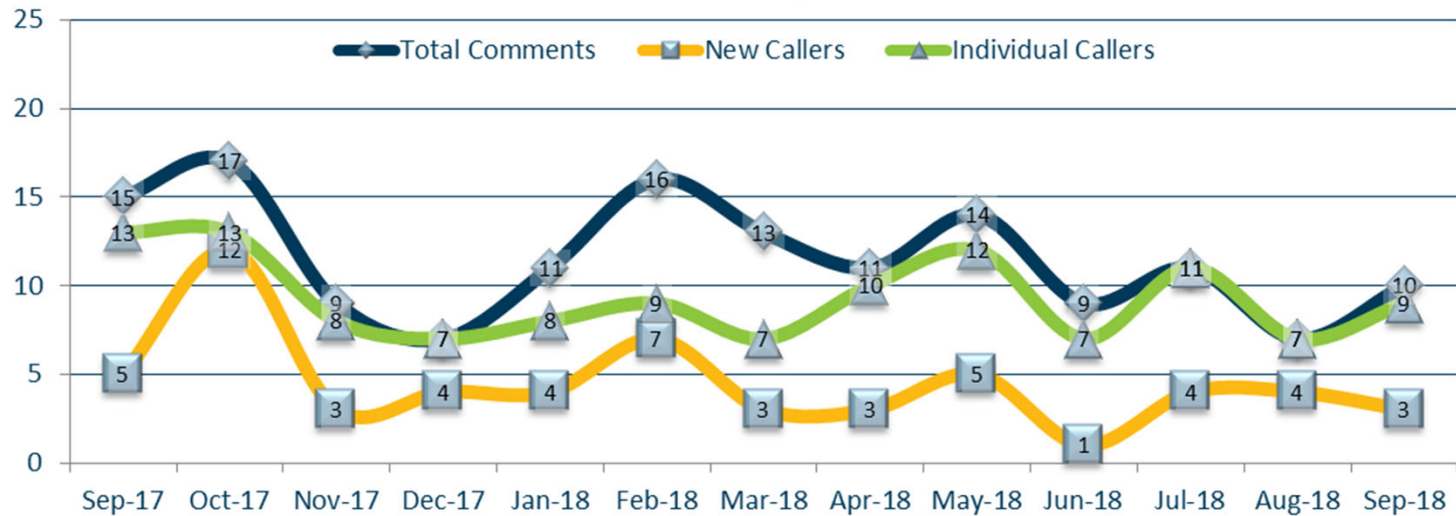
# Comment Location (SDF/LOU)

September 2018

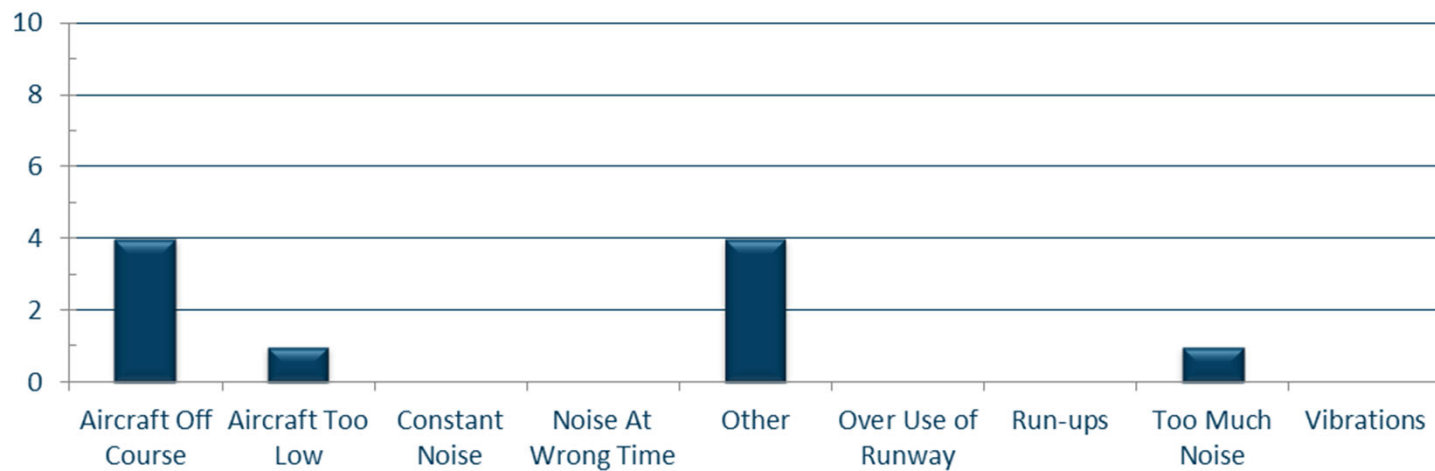




## New Address/Comments per Month (SDF and LOU)



## Comment Type (SDF and LOU) September 2018



# NOISE COMMENT REPORT



# Comments (SDF/LOU)

## October 2018

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>
Everett Ave	40204	NE (<60)	2018-10-02 09:08:00	2018-10-01 22:00:00	SDF	Other	Investigated	Standard	Weather	I am wondering if a comprehensive map of Louisville area showing the loudest and quietest neighborhoods with regards to plane noise exists. Are there certain nights that UPS is more active overnight? I live in the Highlands and might need to move, the plane noise was constant the entire night. Also, were the planes coming in from the north instead of the south last night?
Everett Ave	40204	NE (<60)	2018-10-05 11:36:00	2018-10-05 03:00:00	SDF	Noise At Wrong Time	Investigated	Standard	Weather	<p>I would like to formally express concerns about the airplane noise at our home in the Highlands. In particular, the night time airplane noise is not conducive to a healthy lifestyle, namely- sleeping. My husband and I have been woken out of deep sleep every night this week, and many other nights prior. Specifically, Sunday night, there was noise all night, every 2-3 minutes as the planes take off. Monday-Thursday night, noise promptly began at 3:00 a.m. and continued until around 7:00 a.m. We have unsuccessfully tried white noise machines, box fans, ear plugs, and noise cancelling headphones to try and dampen the noise. We have lived in about a half dozen other cities, all with airports, and have never experienced noise violations inside our home like this.</p> <p>We are disappointed in what has otherwise been a pleasant and very nice new city. I hope that serious considerations are in place to stop the very loud early morning take offs. We aren't in the noise zones on the maps provided. My heart goes out to those that are as I can't imagine how loud it must be there. If there are any solutions for us that you are aware of, I'd certainly be thankful to hear them!</p>

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# Comments (SDF/LOU)

## October 2018

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>
Winston Ave	40205	NE (N/A)	2018-10-05 09:26:00	2018-10-05 09:26:00	LOU	Other	Investigated	Standard	None	I feel that the planes are too close to my trees. I am right straight on a path but no one has ever come over to trim them. I was wondering if there was something I did not know about what can go up. Who does the trimming and who knows if they are too tall?
Cherry Ln	40118	SW (60-65)	2018-10-08 07:35:00	2018-10-08 07:26:00	SDF	Aircraft Too Low	Investigated	Standard	None	At approximately 7:26 a.m. today a plane flew much too low over the National Turnpike- Mount Holly Road area. Had it not been dark, I would have been able to plainly see the cargo doors beneath the plane. Wish I could direct them over your house.
Meridale Ave	40214	SW (60-65)	2018-10-08 20:52:00	2018-10-08 20:34:00	SDF	Too Much Noise	Investigated	Standard	None	I feel I am pretty used to the noise level at the airport, being very close on Meridale Avenue. However, tonight at 8:34 p.m. the noise was so loud nothing else could be heard inside the house and the house was actually shaking, which does not usually occur. This drew not only me but a few of my neighbors out onto their porches. This did not appear to be planes taking off or planes landing, but noise on the ground. Can this be explained, and is this going to become a normal occurrence?

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**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)

## October 2018

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>
Bland St	40217	NE (60-65)	2018-10-10 10:00:00	2018-10-09 22:00:00	SDF	Too Much Noise	Investigated	Non-Standard	None	I hope that you slept well last night because I sure as hell did not. My family moved here to Bland Street in October of 1955. During that time your biased Mayor Broaddus and his old boys were building the incinerator in the predominately black area called Forthill. During the building or during the time the incinerator polluted this area, planes did not fly over because of the incinerator and the toxic smoke it produced. I don't know what year the burning of garbage at the incinerator stopped but since that time the planes have polluted the area with noise and jet fuel. Last night for almost 2 hours there was constant noise from planes sounding as though they were going to hit my house. This occurs too often. As I stated before, my family moved into my present house long before the plane noise/pollution. This is nothing more than environmental racism at its best. How would you feel if this was happening over your house every day? Show me how your compassionate city would react. The more things change, the more they stay the same.

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# Comments (SDF/LOU)

## October 2018

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>
Falcon Dr	40213	NE (<60)	2018-10-11 05:16:00	2018-10-11 03:00:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	<p>I am once again up due to airplanes taking off from midnight until 6 a.m. I have lived here on Falcon Drive for 15 years, and the airplane traffic during those hours has greatly increased. I assume the noise is being generated by UPS planes. That could be incorrect, but there did not used to be so many planes taking off during those hours, and I know they were not as loud either. I have not done the research, but the larger planes that UPS acquired are probably the ones that are louder. This morning as I was watching, they certainly were not taking off to the South. There was no rain. Cold front came through. My windows and house now rattle with these planes taking off. Airplane takeoffs did not used to do that. I am in the health field, and interrupted sleep is not good for overall health. I generally use a fan or some other device to drown out the airplane noise. That still does not always work. There is a train that goes by periodically not too far away, but that does not wake me up. If they can make a silencer for a rifle, I am sure there is a way they could make those planes quieter. Plus, for the health of the people of the surrounding area of the airport, I personally believe no planes should be taking off from midnight until 6:00 a.m. anyway.</p>
535 Zane St	40203	NW (60-65)	2018-10-15 10:20:00	2018-10-15 10:20:00	SDF	Other	Investigated	Standard	None	<p>I was calling to get some information on the QuieterHome program for homes under the flight path of SDF.</p>

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# Comments (SDF/LOU)

## October 2018

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>
E Ashland Ave	40214	SW (60-65)	2018-10-18 06:05:00	2018-10-18 00:00:01	SDF	Too Much Noise	Investigated	Standard	Weather	I am emailing to lodge a complaint with regards to the quantity and decibel level of the airplanes on 10/18/18. The noise seemed quite louder and more frequent than normal, keeping both my son and I awake from around 12:00 p.m. to 3:00 a.m. and picking back up around 4:30 a.m.
Fayette Ave	40213	NE (60-65)	2018-10-26 10:19:00	2018-10-25 13:48:00	SDF	Too Much Noise	Investigated	Standard	None	I live near the airport where they sound deadened the homes close to the Audubon Park neighborhood. The homes on both sides of the street from me had the upgrades, but my home was not in the survey. I need help because these planes constantly fly over. My home rattled as the huge planes fly over! What can I do?
Fayette Ave	40213	NE (60-65)	2018-10-27 05:24:00	2018-10-27 05:24:00	SDF	Other	Investigated	Non-Standard	Weather	Their study could not be accurate if neighbors to the right and left of my home qualified and my home did not qualify! Considering I'm in the middle how could this be explained that I'm not getting the same noise level as the two houses that was granted for this study.
Tile Factory Ln	40213	SE (<60)	2018-10-30 07:16:00	2018-10-30 04:30:00	SDF	Too Much Noise	Investigated	Standard	None	The noise has been terrible lately. It has always been noisy but lately it has been worse. Last night I heard planes all night long and around 4:30-5:00 a.m. this morning. The noise was so loud I couldn't even hear my wife when she spoke to me outside.

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# Comments (SDF/LOU)

## October 2018

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>
W Lee St	40208	NW (60-65)	2018-10-30 23:46:00	2018-10-30 23:46:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	My complaint won't matter because UPS is too important for the Louisville economy but I'm going to make a complaint anyway. The amount of noise from UPS planes is absurd. I've been in Louisville just over a year and I've never heard so much noise from planes before. I would be interested in a long-term study looking at hearing loss for those who live in areas just north or SDF. The noise can be handled during the day, but at night it is unbearable. Anyone living north of SDF cannot sleep because there is a loud plane flying overhead every 5 minutes. The city is already loud enough without the planes on any given night. This is only going to get worse as the Holiday season grows closer....
McDonald Rd	40118	SW (<60)	2018-10-31 18:19:00	2018-10-31 04:00:00	SDF	Aircraft Off Course	Investigated	Standard	None	They are running those planes in a weird pattern today and they have been disrupting everything, our sleep this morning and they are screaming off the end of the runway this afternoon. The pattern has changed for some reason. They need to get them back over by Minors Lane again.
Gardiner Ln	40205	NE (<60)	2018-10-31 15:00:00	2018-10-31 15:00:00	SDF	Other	Investigated	Non-Standard	Weather	I was checking to see if the flight pattern at the airport may have changed recently. It seems like we have had more planes coming over this way the past few weeks. It is messing with my over the air TV reception.
							Received	LRAA	15	

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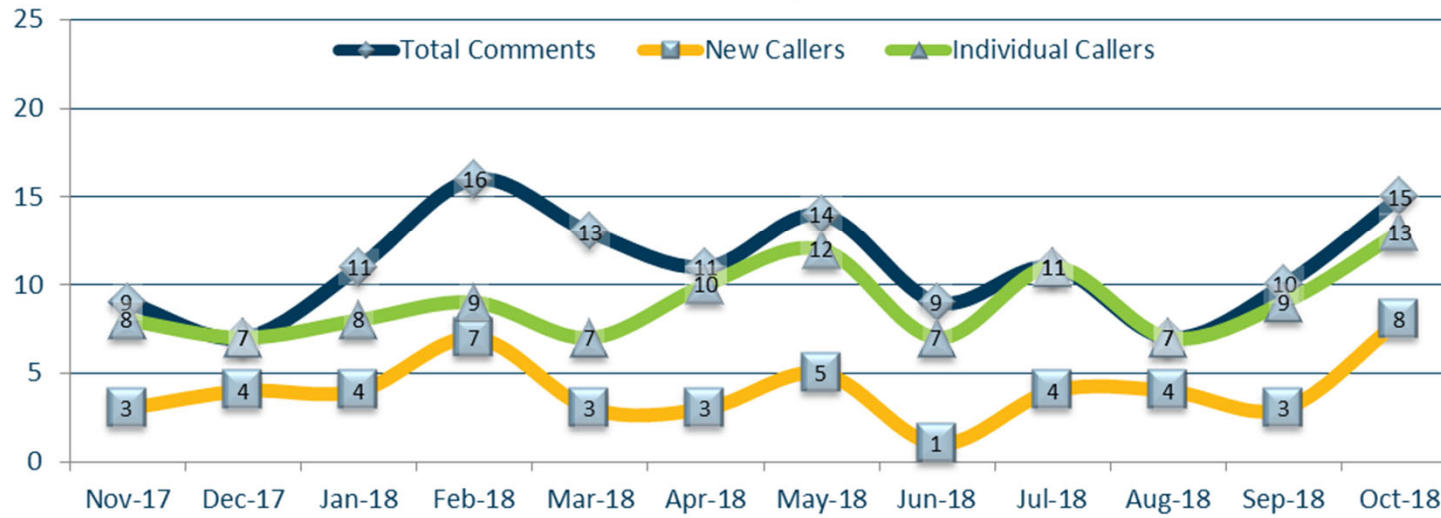
# Comment Location (SDF/LOU)

October 2018

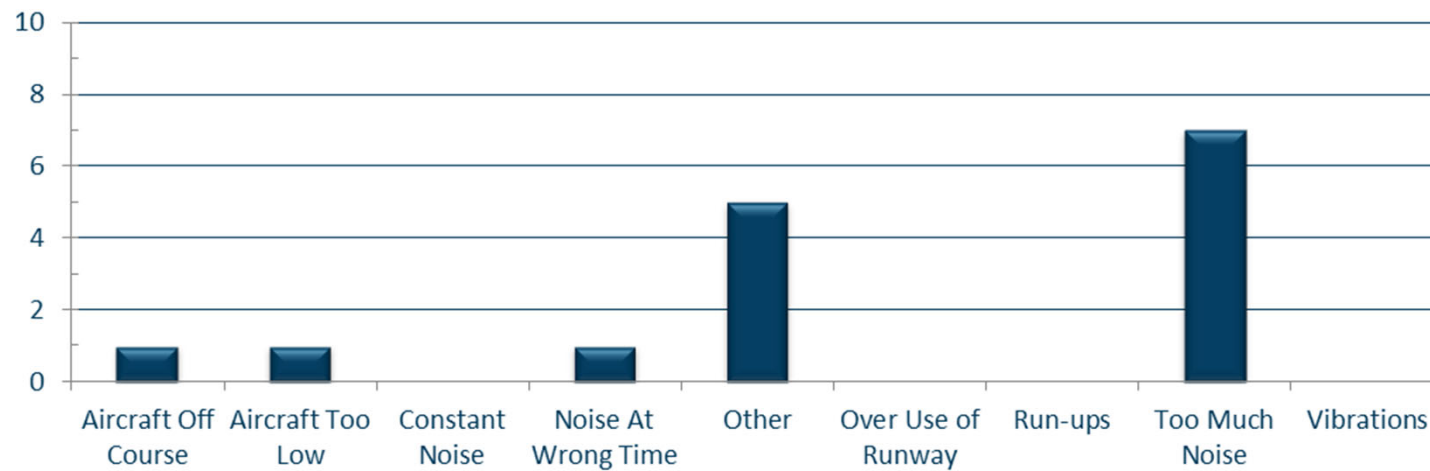




## New Address/Comments per Month (SDF and LOU)



## Comment Type (SDF and LOU) October 2018



# Daily Runway Use Uncorrected (SDF) September 2018

Flow	Time	Sat 9/1	Sun 9/2	Mon 9/3	Tue 9/4	Wed 9/5	Thu 9/6	Fri 9/7	Sat 9/8	Sun 9/9	Mon 9/10	Tue 9/11	Wed 9/12	Thu 9/13	Fri 9/14	Sat 9/15	Sun 9/16	Mon 9/17	Tue 9/18	Wed 9/19	Thu 9/20	Fri 9/21	Sat 9/22	Sun 9/23	Mon 9/24	Tue 9/25	Wed 9/26	Thu 9/27	Fri 9/28	Sat 9/29	Sun 9/30	Time
North Flow	0:00																															0:00
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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 September 2018

Day	Date	Time	Comment
sat	1-Sep-18		
sun	2-Sep-18		
mon	3-Sep-18		
tue	4-Sep-18	0830-0900	NORTH FLOW, ILS RWY 35L WIND CALM CHANGED EARLY TO ACCOMIDATE PM'S. -- TE
wed	5-Sep-18		
thu	6-Sep-18		
fri	7-Sep-18	0930-1230	STAYING SOUTH FLOW DUE TO TAXIWAY CLOSURES.
sat	8-Sep-18		
sun	9-Sep-18		
mon	10-Sep-18	1300-2130	WIND 3311
tue	11-Sep-18	0930-1000	LATE SWITCH
wed	12-Sep-18		
thu	13-Sep-18	1300-1400	TO ACCOMMODATE PAINTING ON TWY B4
fri	14-Sep-18	2000-2130	WIND 02010
sat	15-Sep-18	1700-2230	NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 0109
sun	16-Sep-18	1630-0000	NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 02010
mon	17-Sep-18	1630-1800	REMAINING NORTH DUE TO WIND AND WET RWY
tue	18-Sep-18	0930-1030	REMAINING SOUTH DUE TO VOLUME WITH ONE RUNWAY
tue	18-Sep-18	1700-2130	WIND 31010
wed	19-Sep-18		
thu	20-Sep-18	0930-1030	REMAINING SOUTH DUE TO VOLUME
fri	21-Sep-18	1430-1500	REMAINING SOUTH FLOW DUE TO CURRENT/FORECASTED WINDS. WIND 20009
sat	22-Sep-18		
sun	23-Sep-18	1400-1530	WIND 03008
mon	24-Sep-18	0700-0830	NORTH FLOW FOR WEATHER SOUTH OF THE FIELD
tue	25-Sep-18		
wed	26-Sep-18		
thu	27-Sep-18	0730-0900	WIND 0609
thu	27-Sep-18	2000-2130	WIND 3607, WET RUNWAYS
fri	28-Sep-18	0730-0900	NORTH FLOW DUE TO WEATHER (LOW VISIBILITY
sat	29-Sep-18	1030-2000	WIND 020@010
sun	30-Sep-18		

# Daily Runway Use Uncorrected (SDF) October 2018

Flow	Time	Mon 10/1	Tue 10/2	Wed 10/3	Thu 10/4	Fri 10/5	Sat 10/6	Sun 10/7	Mon 10/8	Tue 10/9	Wed 10/10	Thu 10/11	Fri 10/12	Sat 10/13	Sun 10/14	Mon 10/15	Tue 10/16	Wed 10/17	Thu 10/18	Fri 10/19	Sat 10/20	Sun 10/21	Mon 10/22	Tue 10/23	Wed 10/24	Thu 10/25	Fri 10/26	Sat 10/27	Sun 10/28	Mon 10/29	Tue 10/30	Wed 10/31	Time	
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Flow	Time	Mon 10/1	Tue 10/2	Wed 10/3	Thu 10/4	Fri 10/5	Sat 10/6	Sun 10/7	Mon 10/8	Tue 10/9	Wed 10/10	Thu 10/11	Fri 10/12	Sat 10/13	Sun 10/14	Mon 10/15	Tue 10/16	Wed 10/17	Thu 10/18	Fri 10/19	Sat 10/20	Sun 10/21	Mon 10/22	Tue 10/23	Wed 10/24	Thu 10/25	Fri 10/26	Sat 10/27	Sun 10/28	Mon 10/29	Tue 10/30	Wed 10/31	Time	
			Preferred Flow																															
			DATIS Reported Conditions Indicate Support for Non-Preferred Flow																															
			DATIS Reported Conditions <u>Do Not</u> Indicate Support for Non-Preferred Flow																															
			South Flow is Preferred Flow from 09:30 Saturday - 09:30 Monday																															
		X	Complaint																															

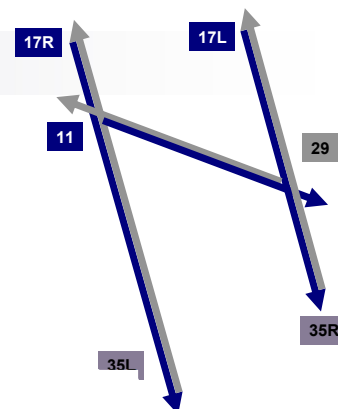
Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)

# Daily Runway Use (SDF)

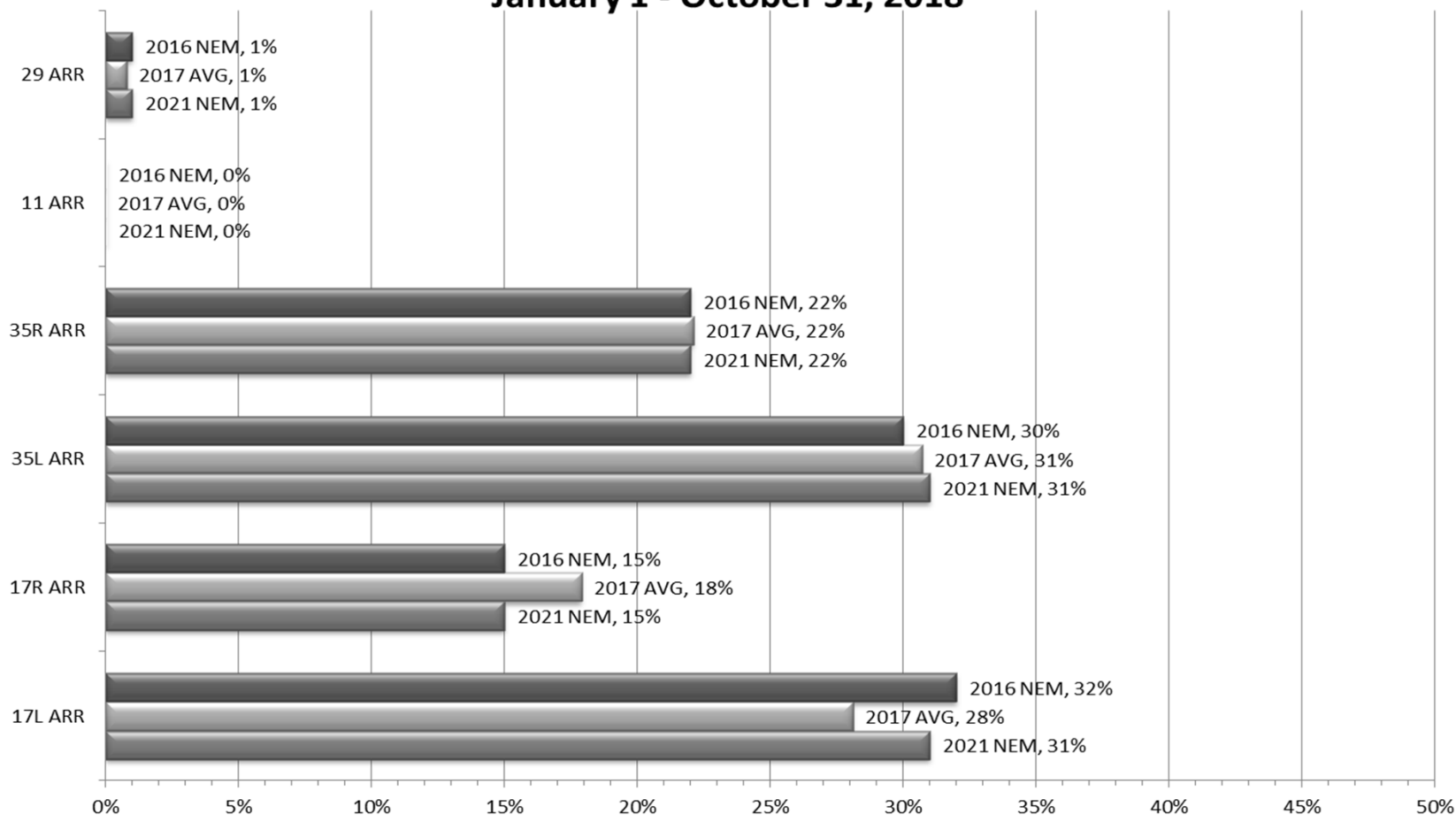
Tower Comments October 2018

Date	Time	Comment
1-Oct-18		
2-Oct-18		
3-Oct-18		
4-Oct-18	0930-1230	REMAINING SOUTH DUE TO WIND AND FORECAST WIND
4-Oct-18	1430-1930	SWITCHING FLOWS BEFORE FORECASTED WIND SHIFT AND BEFORE THE UPS AFTERNOON OUTBOUND
5-Oct-18		
6-Oct-18		
7-Oct-18		
8-Oct-18	0930-1230	WIND 14005KT
9-Oct-18	0930-1130	REMAINING SOUTH DUE TO LENGTHY TAXI TIMES FOR GA AND CORPORATE AIRCRAFT DUE TO 17L/35R CLOSURE.
9-Oct-18	2200-0000	WINDS 1509
10-Oct-18	0000-0230	WINDS 1509
10-Oct-18	0930-1030	REMAINING SOUTH DUE TO RAIN IN AREA AND WIND
11-Oct-18		
12-Oct-18	0300-0700	WIND 31005
12-Oct-18	0930-1030	DEPARTING RWY 29, DUE TO FLIGHT CHECK ON FINALS FOR 35L/R. WIND CALM. -- EM
12-Oct-18	1300-1830	WIND 3306
13-Oct-18	1300-1400	WIND 3410
14-Oct-18	1930-0000	NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 03004, LOW CIGS, AND WET RWYS
15-Oct-18	0000-0230	NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 03004, LOW CIGS, AND WET RWYS
16-Oct-18		
17-Oct-18		
18-Oct-18	0300-0900	REMAINING ON NORTH FLOW DUE TO WIND AND WIND FORECAST
19-Oct-18		
20-Oct-18	0800-1030	WIND 28012
21-Oct-18	0530-2230	WIND 36006
22-Oct-18	0930-1230	WIND 1909
23-Oct-18		
24-Oct-18		
25-Oct-18		
26-Oct-18		
27-Oct-18	0800-1230	WIND 310@10. REMAINING NORTH FLOW DUE TO WIND AND WET RUNWAYS.
28-Oct-18		
29-Oct-18	1400-1430	WIND 3309G19
30-Oct-18		
31-Oct-18	0400-0630	SOUTH FLOW WIND 20013G19

# Runway Use (SDF Arrivals)

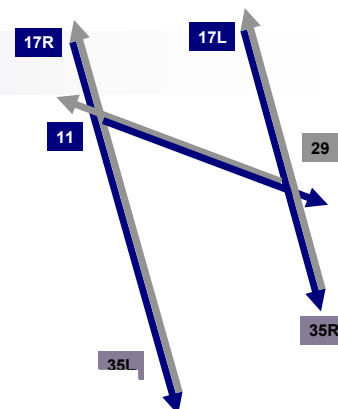


**NEM vs. Actual**  
**January 1 - October 31, 2018**

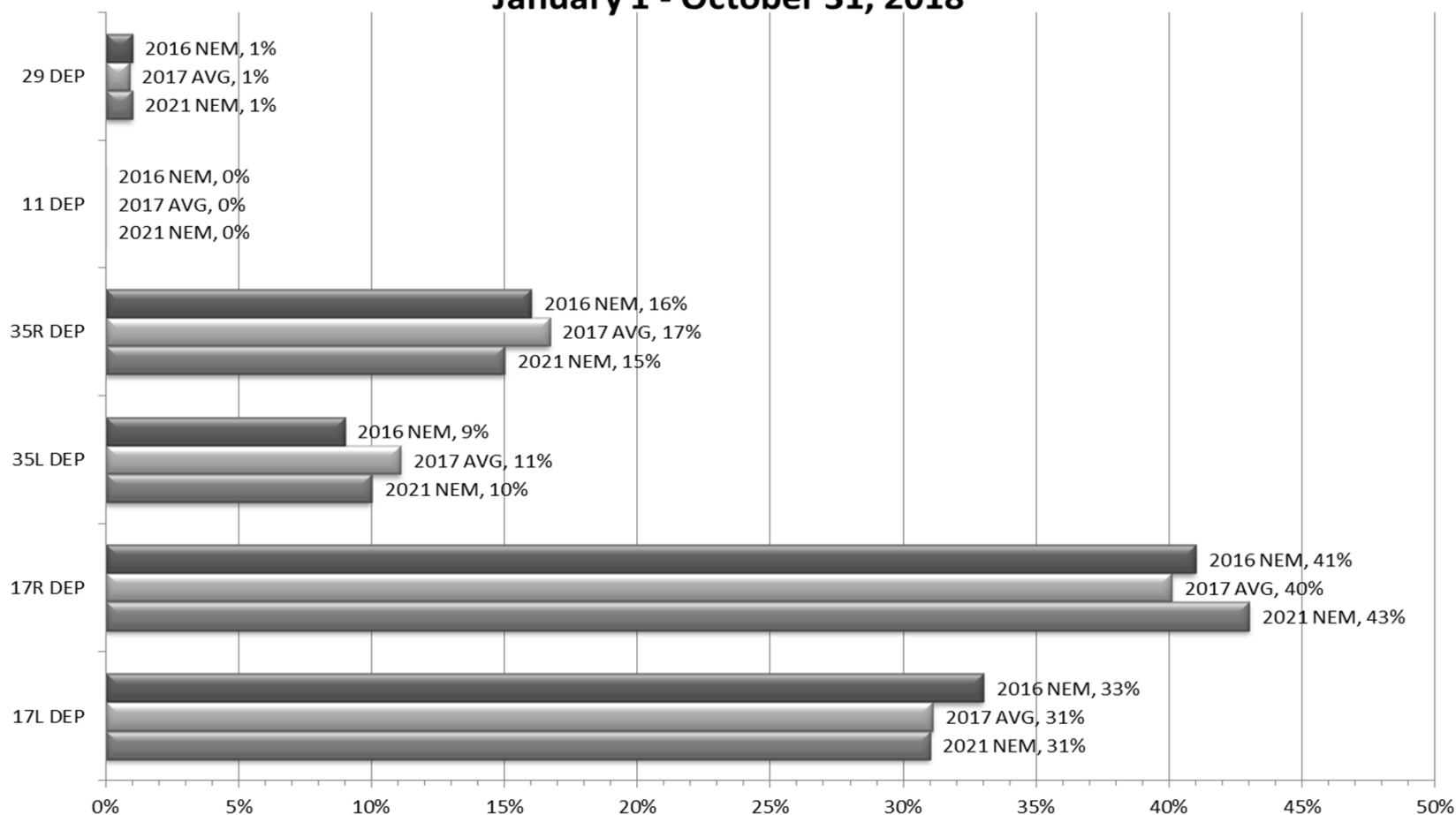




# Runway Use (SDF Departures)

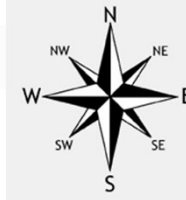


**NEM vs. Actual**  
**January 1 - October 31, 2018**



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

As of October 31, 2018

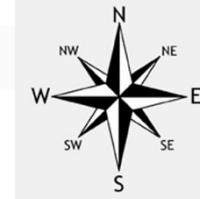


	Arrival Percentage by Runway							Arrival Count	Departure Percentage by Runway							Departure Count
	11	17L	17R	29	35L	35R	% From South		11	17L	17R	29	35L	35R	% To North	
Sep-16	0	14	27	0	37	22	59	856	0	14	22	0	9	55	64	399
Oct-16	0	16	35	0	24	25	49	803	0	19	25	1	0	55	55	393
Nov-16	0	27	31	0	24	18	42	912	0	26	30	0	1	43	44	394
Dec-16	0	9	6	3	52	30	82	1090	0	9	11	3	10	67	77	429
Jan-17	0	17	22	6	32	23	55	871	0	15	17	5	6	57	63	365
Feb-17	0	21	27	0	28	24	52	815	0	23	28	0	3	46	49	363
Mar-17	0	25	16	0	35	24	59	943	0	23	23	0	11	43	54	395
Apr-17	0	16	49	1	22	12	34	836	1	19	38	5	10	27	37	397
May-17	0	28	20	0	30	22	52	1027	0	29	16	0	13	42	55	460
Jun-17	0	29	28	0	16	27	43	960	0	24	34	1	10	31	41	435
Jul-17	0	30	28	0	23	19	42	866	0	28	20	2	6	44	50	377
Aug-17	0	15	24	0	42	19	61	1001	0	20	18	0	10	52	62	453
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
Monthly Avg.	0	18	24	1	32	24	57	925	0	19	21	2	9	48	57	415

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

# Gate Compliance by Runway

As of October 31, 2018

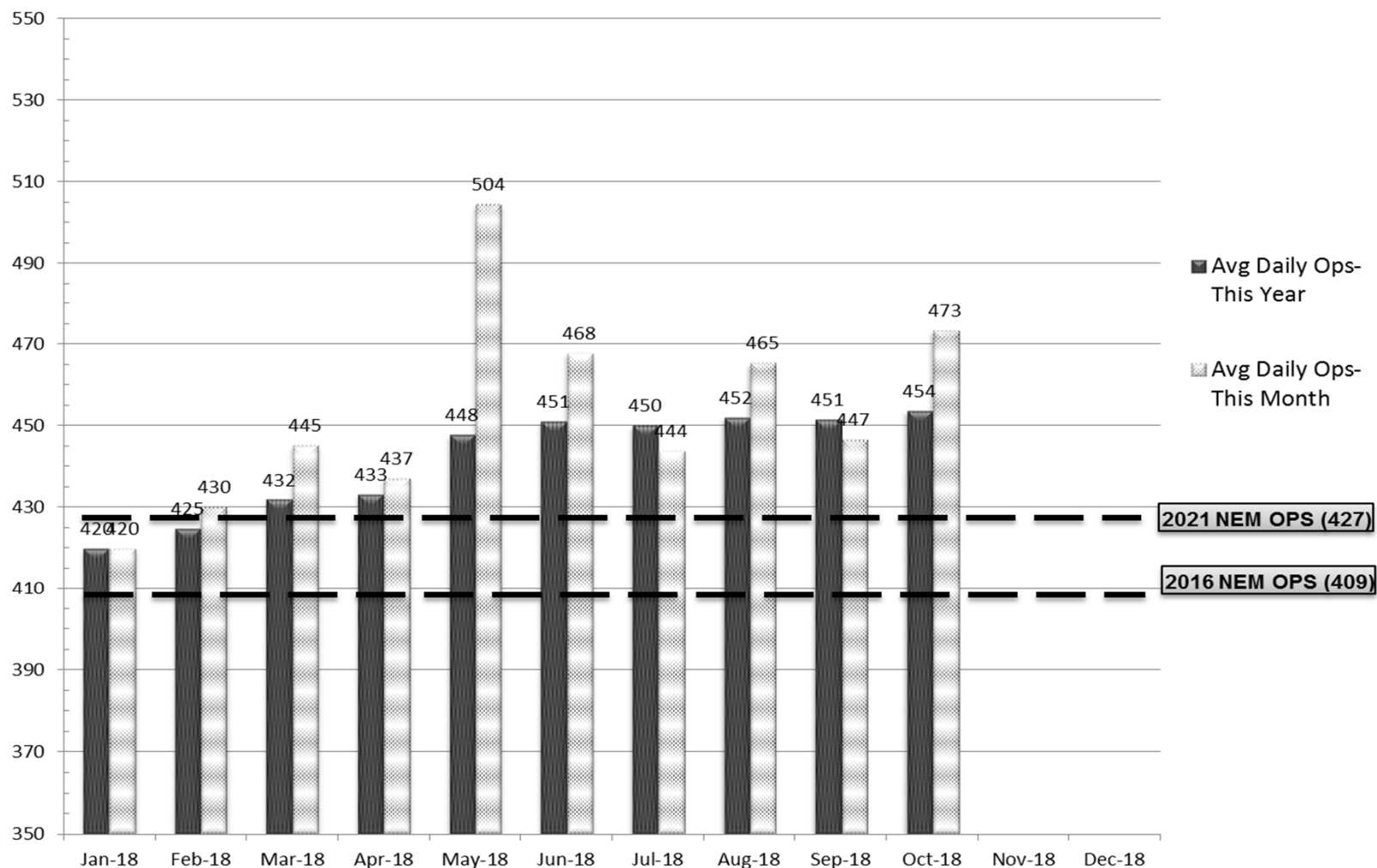


	ARRIVALS Percent Compliant					Departure Percent Compliant				
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Nov-16	84%	94%	90%	86%	89%	78%	89%	70%	88%	81%
Dec-16	89%	94%	92%	92%	92%	80%	87%	74%	80%	80%
Jan-17	88%	96%	93%	92%	92%	66%	91%	78%	84%	80%
Feb-17	87%	95%	91%	88%	90%	72%	92%	81%	87%	83%
Mar-17	87%	96%	90%	89%	91%	70%	89%	72%	88%	80%
Apr-17	86%	94%	87%	92%	90%	69%	86%	76%	85%	79%
May-17	86%	90%	90%	89%	89%	72%	90%	67%	84%	78%
Jun-17	87%	87%	87%	88%	87%	79%	91%	69%	87%	82%
Jul-17	87%	92%	90%	90%	90%	81%	89%	67%	86%	81%
Aug-17	84%	93%	90%	87%	89%	80%	84%	73%	91%	82%
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%
<b>24 Month Avg.</b>					<b>90%</b>					<b>81%</b>

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

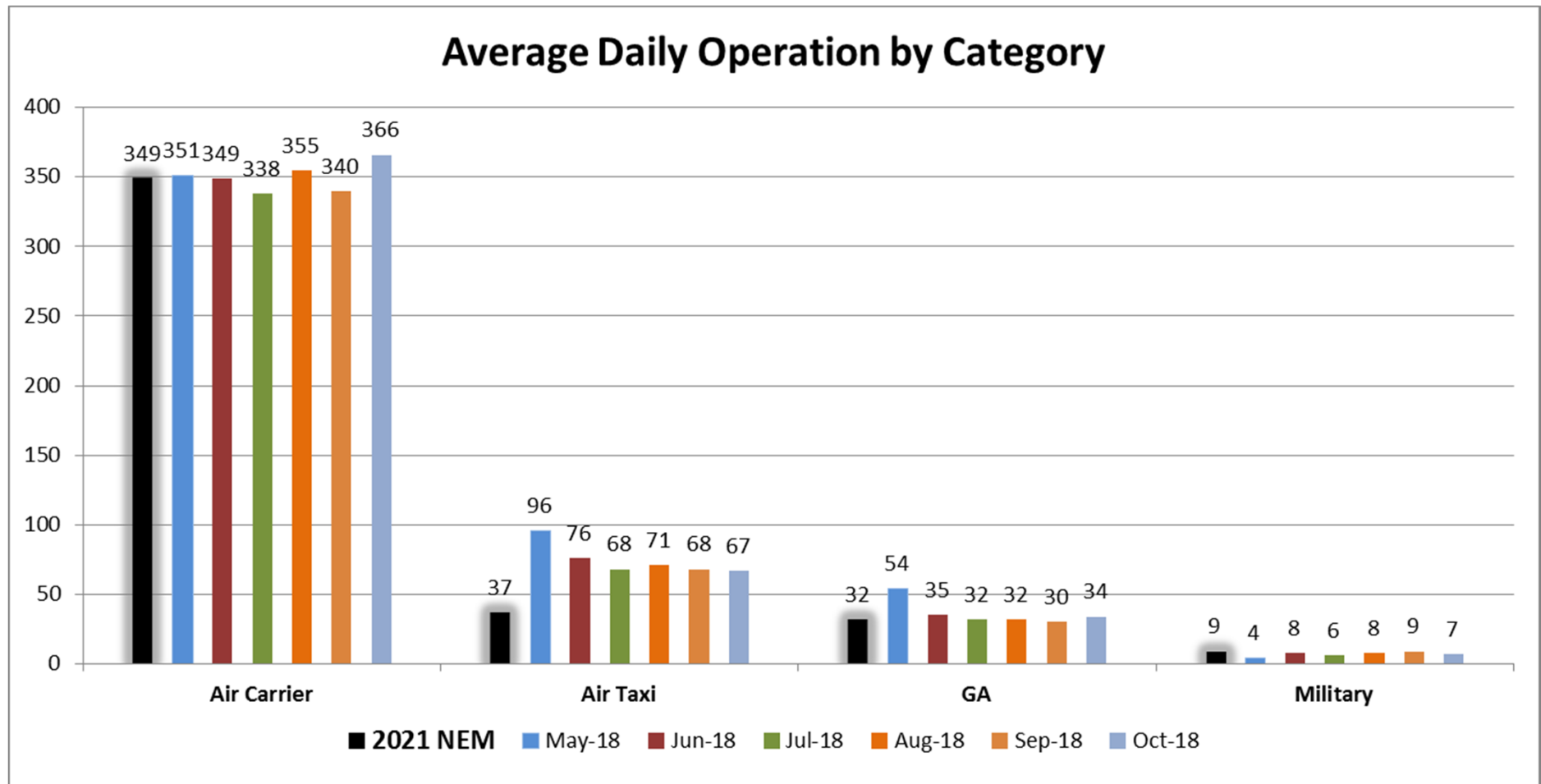
# Operations (SDF)

As of October 31, 2018



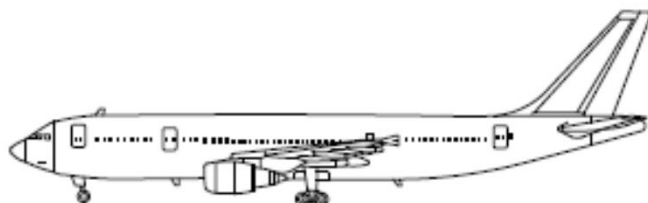
# Operations by Aircraft Category (SDF)

As of October 31, 2018



- **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



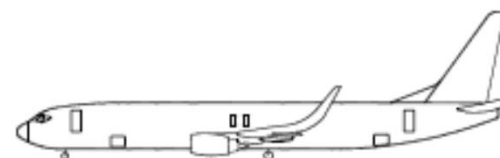
**E135/45**  
Air Taxi Pax



**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