

Community Noise Forum
Monday, May 20, 2019
Agenda

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

COMMUNITY NOISE FORUM (CNF)
Monday, March 25, 2019

Members

John Sistarenik, ANA
John Greathouse, Southwest
Tom Foote, Airline Affairs
Bob Slattery, LRAA
Chris Younkin, FAA
Ken Dietz, UofL

Stephanie Kimmel, FAA
Mary Rose Evans, LRAA Board
Mike Zanone, Northwest
Denny Thompson, Southeast
Aaron Rosenblum, Northeast

Guests

Bill Graham, Fairdale
Don Slocum, Preston Park
Pat Slocum, Preston Park
Caleb Reddick, Minoma Ave.
Deborah Borens, Meridale Ave.

Peggy Head, Preston Park
Nicole George, Metro 21
Lisa Willner, House Dist 35
Rachel Roarx, Metro 21
Kathleen Krill, Preston Park

- I. **Call to order:** The meeting was called to order at 6:00 p.m. by John Sistarenik. John introduced CNF members Stephanie Kimmel and Chris Younkin from the Air Traffic Control Tower, Aaron Rosenblum representing the northeast quadrant, and John Greathouse representing the southwest quadrant.
- II. **Minutes:** The January meeting notes were approved as written.
- III. **Update Open SID's Flight Test:** Jonathan Bonds of UPS informed the CNF that several issues including the government shutdown, personnel changes at UPS and senior management retirements at the FAA have delayed implementing the Open SID flight procedure test. Although he cannot commit to a specific date at this time, late summer or early fall does not appear to be an unreasonable target.
- IV. **Part 150 NCP:**
 - A. **Noise Insulation Program: Residential** – A draft program boundary and acoustical test plan have been submitted to the FAA for their review. Once all required approvals are received and funding has been secured we will be ready to roll the program out to the public and begin the process of notifying homeowners. **UofL** - On March 1, 2019 the FAA issued a Finding of No Significant Impact (FONSI) for the University of Louisville noise mitigation project. The LRAA is currently moving forward with designs for the Life Sciences building (auditorium, room 101), Paul B. Lutz Hall (archive center), and Overseers Honors House (room 202). Ken Dietz informed the group that the University is very close to making a final determination on Miller Hall and Threkheld Hall. He expects to have a definitive answer in the next month or so. Mary Rose commented that the university should keep the noise environment in mind if new dormitories are constructed. Ken informed the group that the university does take noise reduction standards into consideration when designing all building.

B. Contraflow Exceptions: Contraflow for January was 75% for arrivals from the south and 69% for departures to the south. In February, arrivals from the south were 78% and departures to the south were 57%. A daily summary for January and February is contained in the handout. Currently for calendar year 2019 arrivals from the south are 77% and departures to the south are 64%. The 2 year average (March 2017 through February 2019) for contraflow is 74% for arrivals and 74% for departures. A monthly summary going back 8 years is also included in the handout. Aaron Rosenblum asked if the contraflow goal numbers were based on individual months. Bob explained that the goals are annual averages from the EIS. The NEM numbers are annual averages based on the previous 5 years of historical data.

V. Current Noise Concerns:

A. Report on Noise Concerns/Complaints: A total of 17 comments were received in January. Several were concerning arrivals from the south 15-20 miles from the airport. In February a total of 24 comments were received. Weather and runway 29 approaches were contributing factors. Comments and locations are contained in the handout.

B. Runway Utilization: Runway utilization percentages for January and February are contained in the handout. Daily runway utilization and comments from the Air Traffic Control Tower are also included in the handout. John Greathouse remarked that there seemed to excessive ground noise coming from the airport last night. Bob replied that he was not aware of any unusual activity but he would investigate.

C. Construction and Maintenance Activity: Bob Slattery reported that there are no major construction projects underway at this time. Currently the west runway is closed on Monday and East runway is closed on Tuesdays for routine maintenance. Pavement rehabilitation and runway electrical work may necessitate some additional runway closures as the weather continues to improve. John Greathouse reported that the Woodlawn overpass work was taken care of.

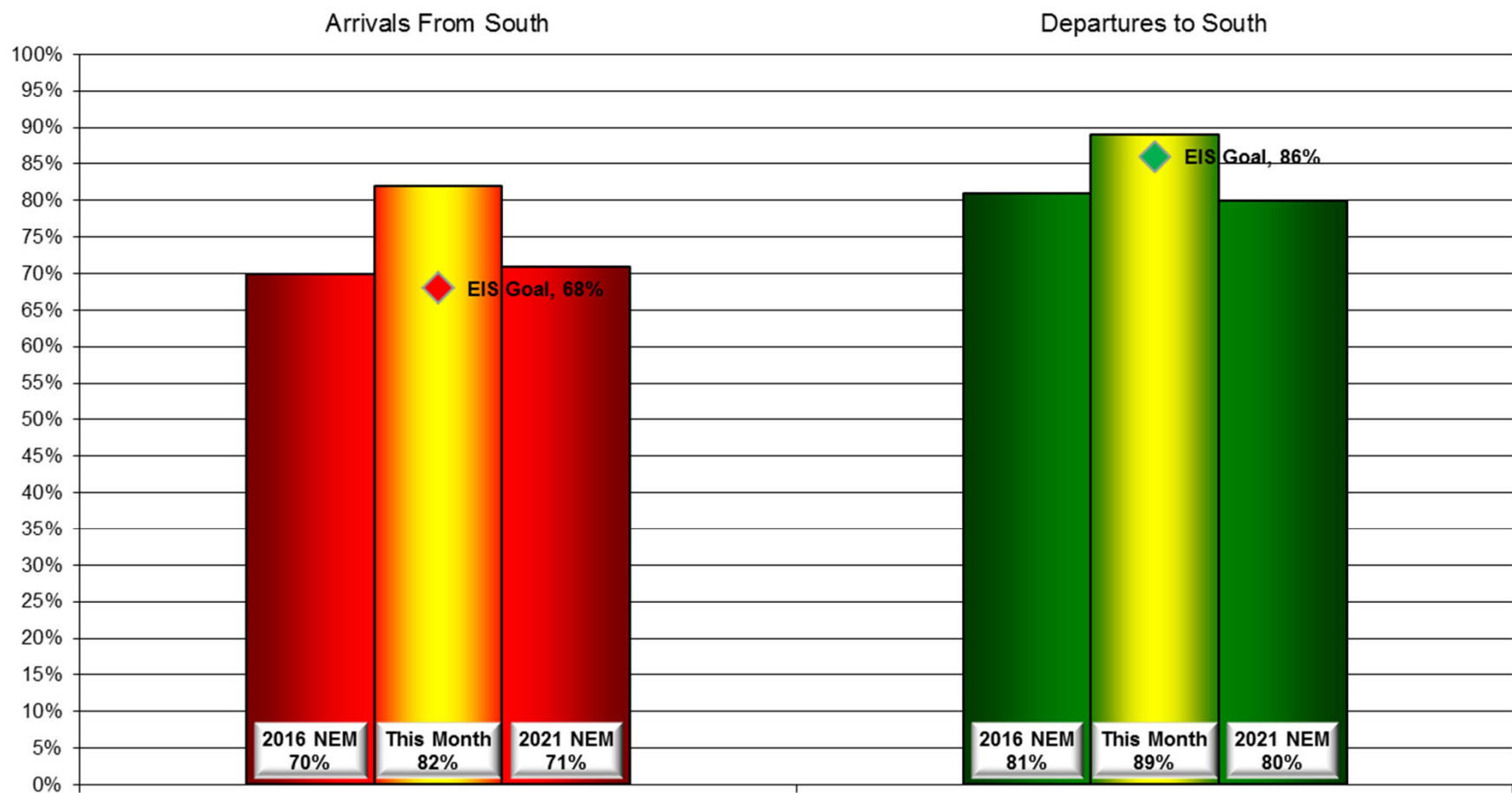
VI. Guest Comments: State Representative Lisa Willner informed the group that House Bill 122 (HB122) did not get a hearing this legislative session. She would like to get together with Mike Zanone, Mary Rose Evans, and Aaron Rosenblum after the meeting to discuss support from neighbor associations. Rachel Roarx announced that she works with council woman Nicole George and will be attending the CNF meetings. Mike Zanone asked John Sistarenik to consider asking the LRAA for support with the proposed noise legislation (HB122). John said that support would be requested prior to the next legislative session.

VII. Announcements: Mary Rose announced that it was the last meeting for Ken Dietz and requested that the group thank Ken for his service on the CNF. Ken announced that he will be retiring on April 15. The process for filling his position is underway but not yet far enough along to announce a replacement.

VIII. Next Meeting: May 20, 2019

IX. Adjournment: A motion was made to adjourn the meeting at 6:31 p.m.

Monthly Contraflow March 1-29, 2019



Daily Runway Use Summary – March 2019

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

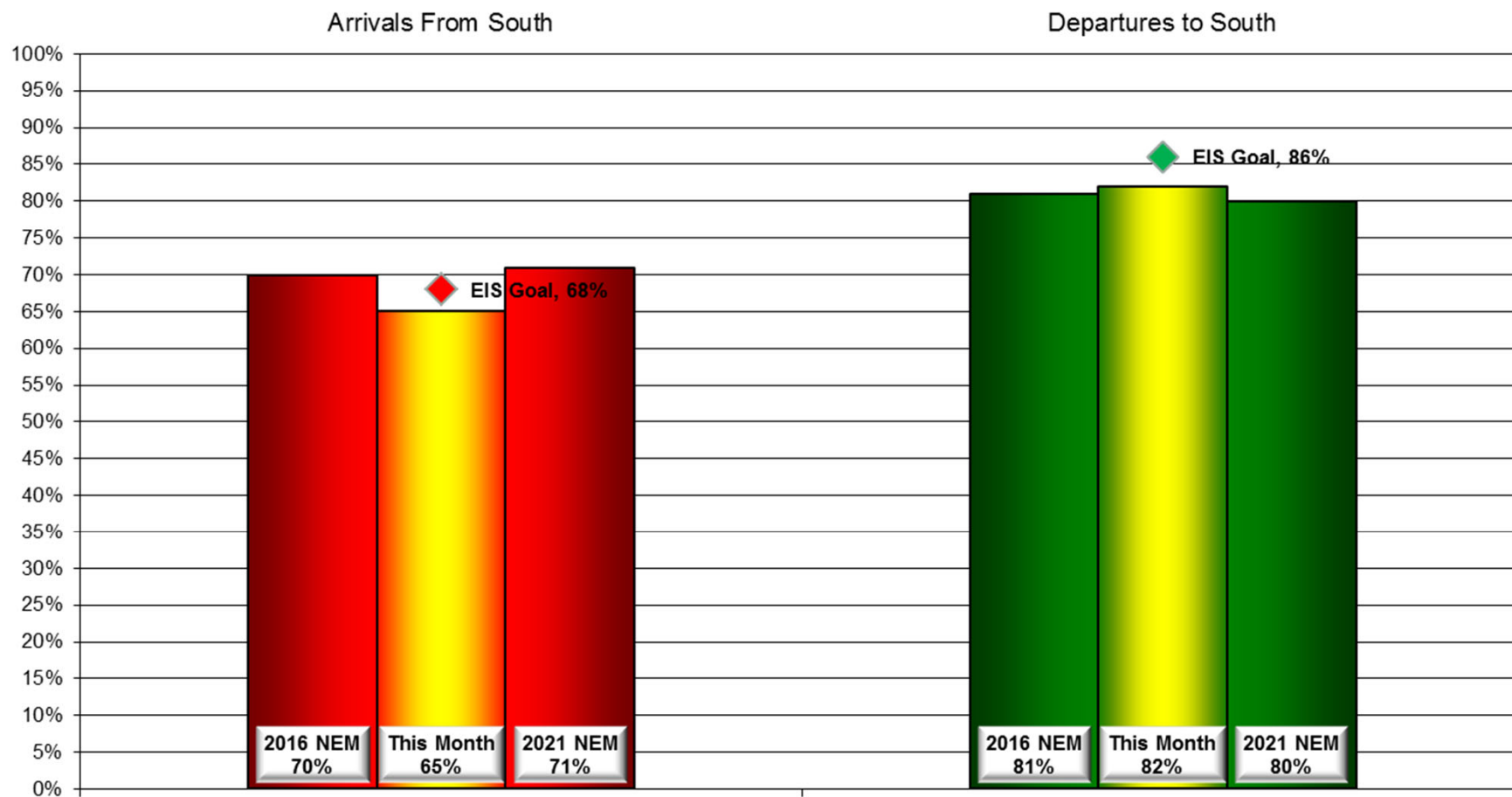
		% of all arrivals from the south										% of all departures to the south									
Date	Day	*in	Runway#							Unknown	Notes / Comments	*in	Runway#							Unknown	Notes / Comments
		compliance	11	17L	17R	29	35L	35R	Use	compliance		11	17L	17R	29	35L	35R	Use			
03/01/19	Fri	95%			2	3		58	37	0		93%			38	55		4	3	0	
03/02/19	Sat																				
03/03/19	Sun																				
03/04/19	Mon	98%			0	2		62	36	0		88%			36	52		8	4	0	
03/05/19	Tue	97%			2	1		55	42	0		94%			43	51		3	3	0	
03/06/19	Wed	97%			1	2		57	40	0		95%			40	55		3	2	0	
03/07/19	Thu	98%			1	1		61	37	0		92%			37	55		5	3	0	
03/08/19	Fri	98%			1	1		59	39	0		91%			36	55		5	4	0	
03/09/19	Sat																				
03/10/19	Sun																				
03/11/19	Mon	97%			1	2		59	38	0		91%			37	54		6	3	0	
03/12/19	Tue	96%			3	1		60	36	0		89%			38	51		6	5	0	
03/13/19	Wed	0%			43	57				0	130-170@10-16kts,g27	100%			40	60				0	
03/14/19	Thu	74%			4	11		11	48	26	0	93%			34	59		2	4	1	0
03/15/19	Fri	96%			2	1		1	57	39	0	88%			30	58		4	8	0	
03/16/19	Sat																				
03/17/19	Sun																				
03/18/19	Mon	95%			3	2		59	36	0		97%			43	54		2	1	0	
03/19/19	Tue	95%			2	3		64	31	0		96%			41	55		3	1	0	
03/20/19	Wed	98%			1	1		62	36	0		92%			41	51		3	5	0	
03/21/19	Thu	98%			1	1		53	45	0		91%			37	54		6	3	0	
03/22/19	Fri	96%				4		62	34	0		94%			42	52		4	2	0	
03/23/19	Sat																				
03/24/19	Sun																				
03/25/19	Mon	100%						61	39	0		0%						52	48	0	350-020@6-7kts
03/26/19	Tue	98%			1	1		64	34	0		90%			38	52		4	6	0	
03/27/19	Wed	98%			1	1		60	38	0		94%			38	56		4	2	0	
03/28/19	Thu	0%			43	57				0	180-220@6-10kts,g17,ra	100%			54	46				0	
03/29/19	Fri	0%			44	56				0	110-160@4-7kts,ra	100%			36	64				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 April 1-30, 2019



Daily Runway Use Summary – April 2019

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

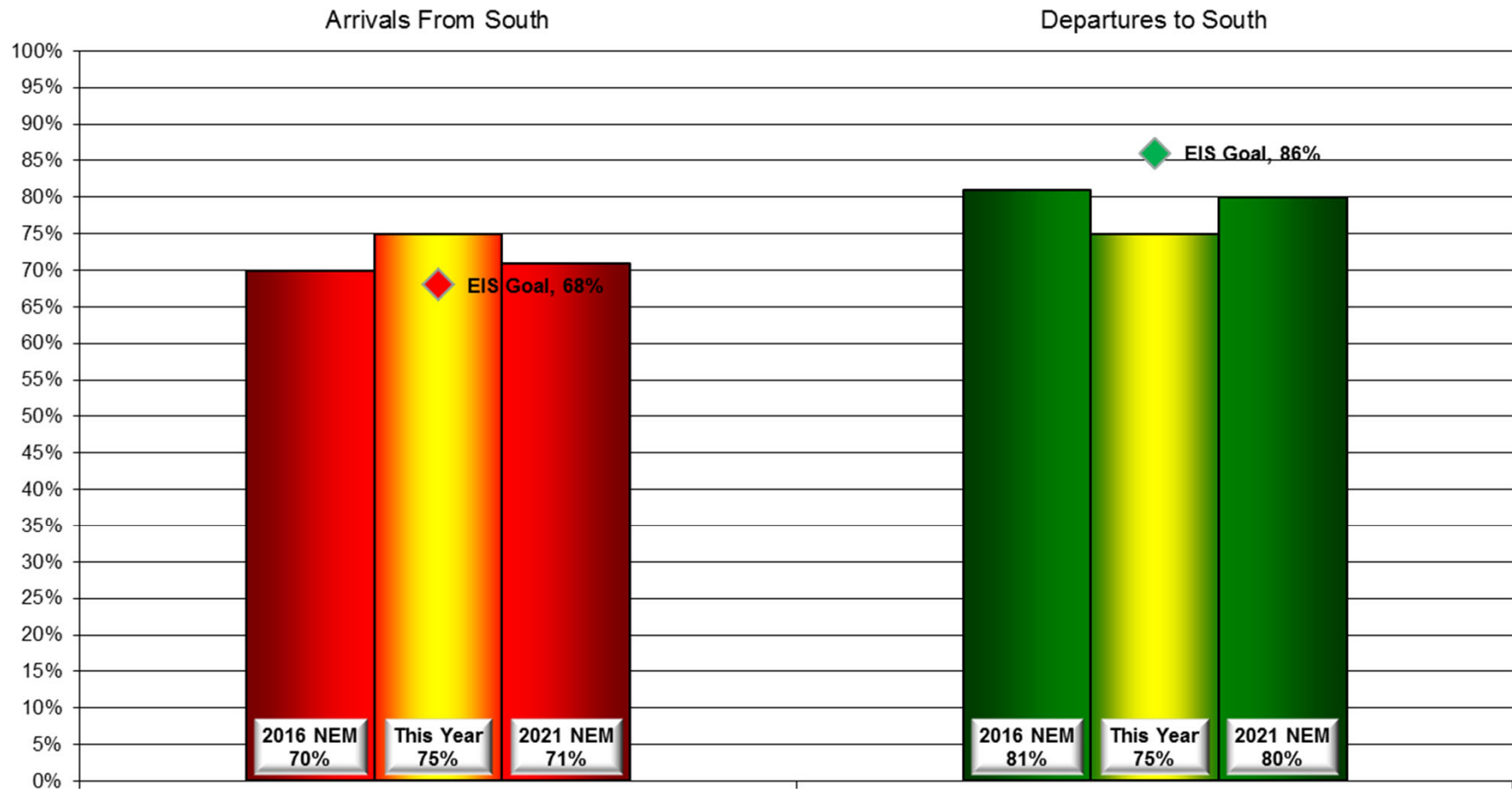
		% of all arrivals from the south										% of all departures to the south												
Date	Day	*in	Runway#							Unknown	Notes /	**in	Runway#							Unknown	Notes /			
		compliance	11	17L	17R	29	35L	35R	Use	Comments	compliance		11	17L	17R	29	35L	35R	Use	Comments				
04/01/19	Mon	98%			1	1			58	40	0		91%				37	54			4	5	0	
04/02/19	Tue	95%			4	1			38	57	0		97%				40	57			2	1	0	
04/03/19	Wed	93%			4	3			57	36	0		93%				37	56			3	4	0	
04/04/19	Thu	0%			44	56					0	160-230@5-15kts,g22,ra	100%				41	59					0	
04/05/19	Fri	98%			1	1			63	35	0		91%				46	45			6	3	0	
04/06/19	Sat																							
04/07/19	Sun																							
04/08/19	Mon	94%			3	3			60	34	0		89%				33	56			6	5	0	
04/09/19	Tue	94%			2	4			56	38	0		93%				40	53			4	3	0	
04/10/19	Wed	93%			4	3			55	38	0		93%				38	55			4	3	0	
04/11/19	Thu	0%			42	58					0	140-170@9-20kts,g31	97%				32	65		3			0	
04/12/19	Fri	90%			4	6			56	34	0		95%				36	59			3	2	0	
04/13/19	Sat																							
04/14/19	Sun																							
04/15/19	Mon	93%			5	2			59	34	0		91%				40	51			5	4	0	
04/16/19	Tue	0%			45	55					0	170-200@5-8kts	100%				43	57					0	
04/17/19	Wed	0%			43	57					0	170-190@9-12kts,g23	100%				46	54					0	
04/18/19	Thu	87%			6	7			56	31	0		1%				1				59	40	0	340-360@5-16kts,g19,ra
04/19/19	Fri	100%							61	39	0		0%								59	41	0	340-010@8-10kts,ra
04/20/19	Sat																							
04/21/19	Sun																							
04/22/19	Mon	12%			35	53			6	6	0	130-160@4-9kts	100%				36	64					0	
04/23/19	Tue	98%			1	1			33	65	0		70%				30	40		1	20	9	0	350-020@3-7kts
04/24/19	Wed	95%			3	2			58	37	0		95%				38	57			3	2	0	
04/25/19	Thu	2%			38	60			1	1	0	190-220@7-11kts,g19,ra	12%				4	8			47	41	0	220-300@7-14kts,g24,ra
04/26/19	Fri	96%			3	1			56	40	0		90%				48	42		1	4	5	0	
04/27/19	Sat																							
04/28/19	Sun																							
04/29/19	Mon	90%			9	1			56	34	0		96%				39	57			2	2	0	
04/30/19	Tue	0%			49	51					0	140-170@6-9kts	100%				39	61					0	

Preferred Flow

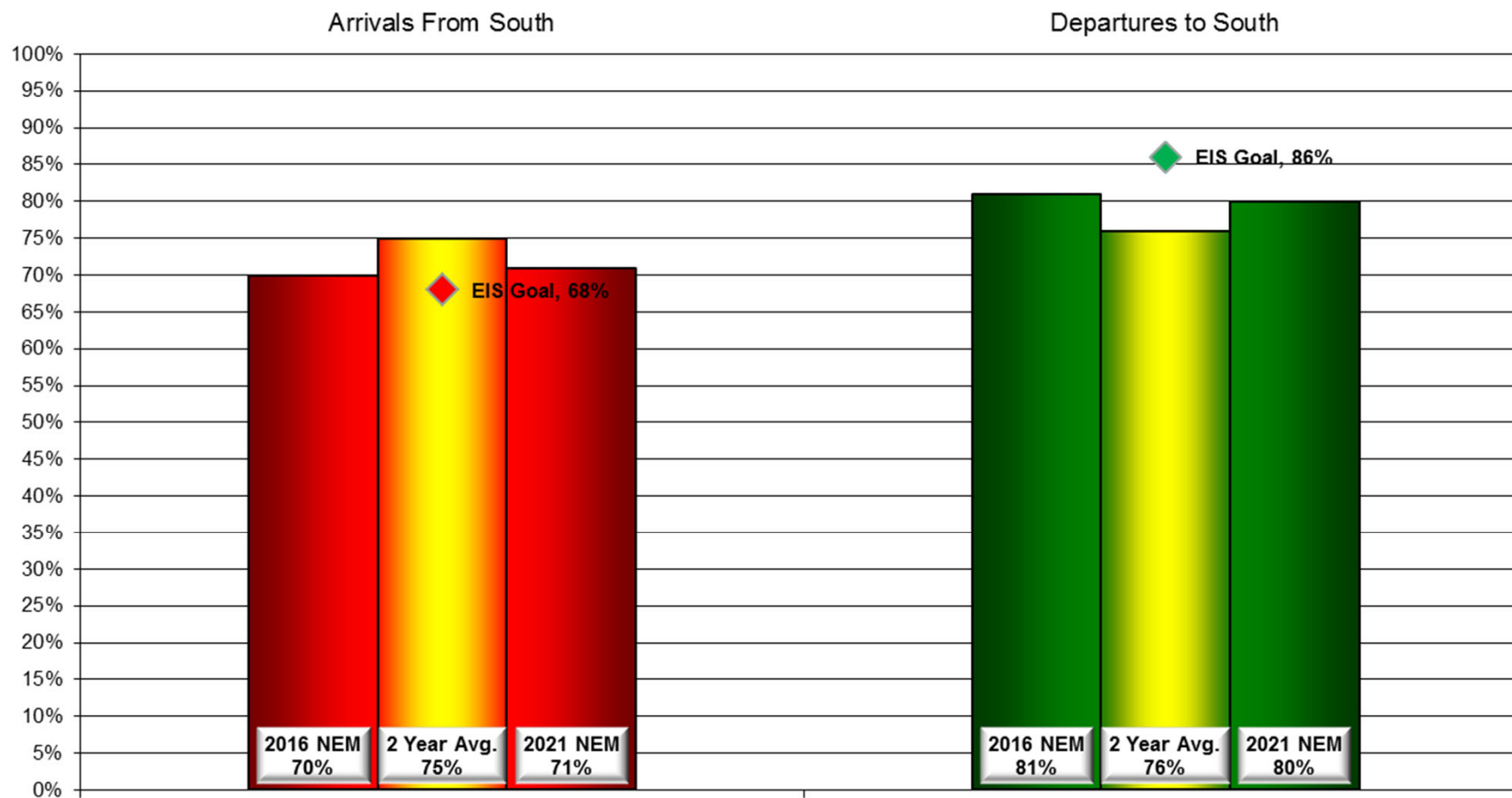
DATIS Reported Conditions Indicate
Support for Non-Preferred Flow

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

Contraflow This Year As of May 3, 2019



Contraflow 2 Year Average May 2017 - April 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%		63%		May	81%	85%	92%	80%	80%	80%	89%		84%
Jun	79%	76%	75%	57%	79%	74%	74%		72%		Jun	87%	80%	91%	91%	83%	93%	91%		89%
Jul	62%	74%	79%	74%	59%	85%	90%		77%		Jul	92%	88%	85%	80%	91%	85%	77%		86%
Aug	49%	84%	61%	86%	76%	79%	72%		74%		Aug	91%	92%	92%	91%	90%	90%	88%		91%
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%	75%			Avg	83%	82%	81%	79%	79%	74%	75%	74%	

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

NOISE COMMENT REPORT



March 2019

Comments (SDF/LOU)

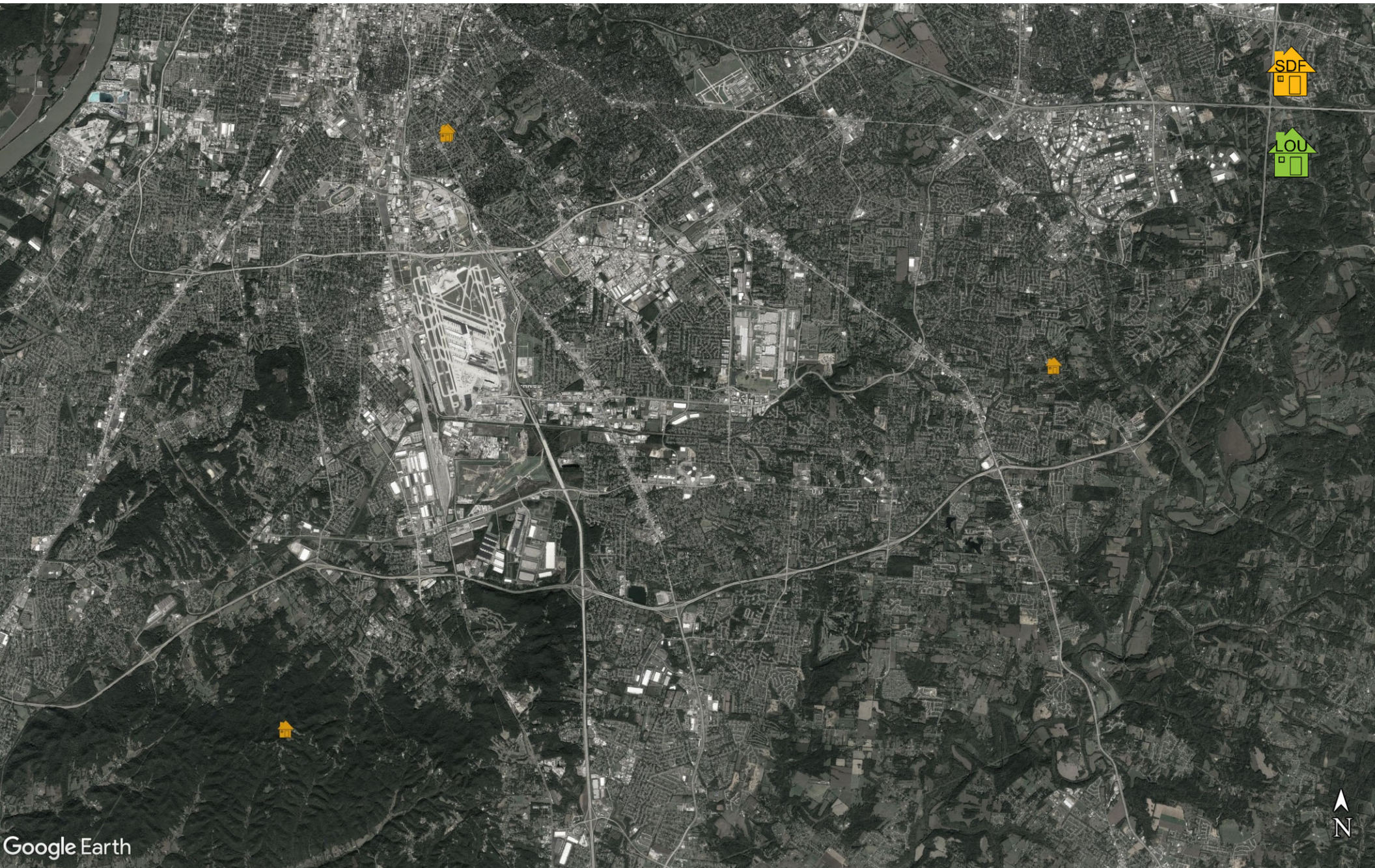
March 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Billtown Rd	40299	SE (<60)	2019-03-11 11:07:00	2019-03-10 01:00:00	SDF	Aircraft Too Low	Investigated	Non-Standard	Weather	On Sunday morning at 1:00 a.m. a UPS plane flew very low over our house. I do not think it could have been more than 200' in the air. It was the scariest thing I think I have ever seen. Can you give me any information on what was going on?
Top Hill Rd	40118	SW (<60)	2019-03-13 09:30:00	2019-03-13 02:00:00	SDF	Constant Noise	Investigated	Standard	None	Over the past week or so the noise has gotten really bad. It used to be that there was a little time between them but now it is like they are coming one right after the other. It never really stops, just keeps going. This also causes my Dish TV to keep going out.
Fetter Ave	40217	NE (65+)	2019-03-13 14:56:00	2019-03-13 14:56:00	SDF	Other	Investigated	Standard	None	I live on the 800 block of Fetter Avenue and have heard a rumor that the sound insulation program could be expanding to my street. I wanted to see if I could get an update on this and find a place I can find future information regarding the program.
Fetter Ave	40217	NE (60-65)	2019-03-23 16:27:00	2019-03-23 16:27:00	SDF	Other	Investigated	Standard	None	I live in the 800 Block of Fetter Avenue and it appears that my home is within the zone that qualifies for noise abatement. Can you confirm whether that is correct and, if so, what the timeline/process would be?
Fetter Ave	40217	NE (60-65)	2019-03-27 16:40:00	2019-03-27 16:40:00	SDF	Other	Investigated	Standard	None	As I look at the map for 65 DNL, it appears that I am immediately under the black boundary line. Could you clarify where the line is (is it between 860 and 862). There seems to be a lot of confusion on the block and a clear answer could help address that.
							Received	LRAA	5	

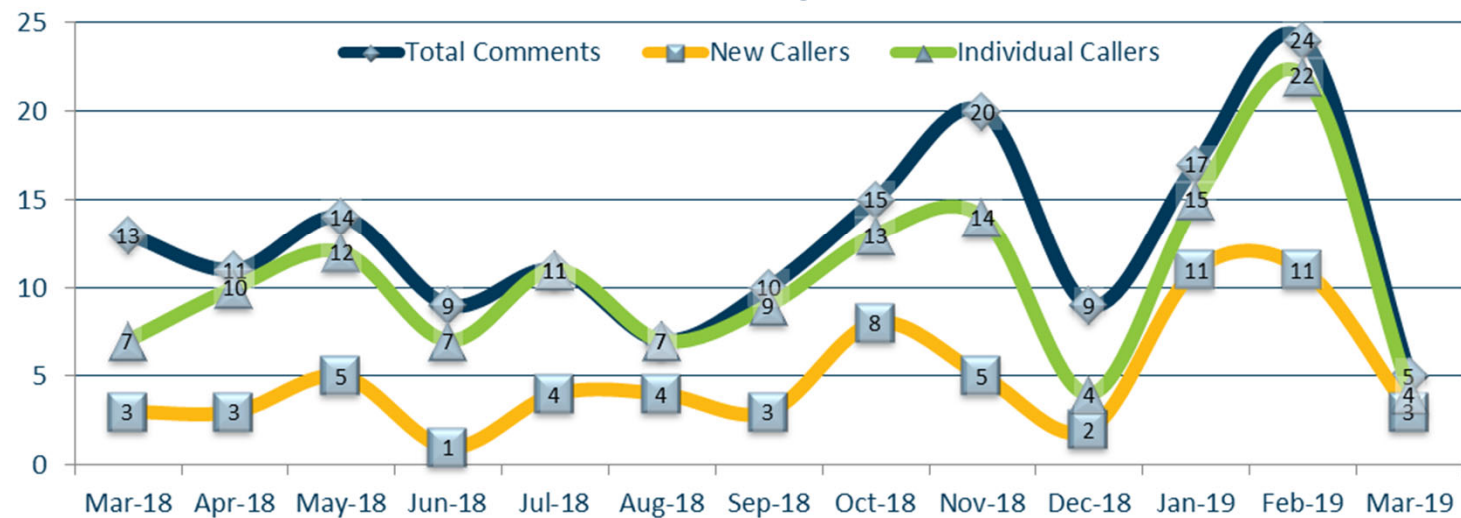
1. **Standard:** Indicates the "Most Preferred" runway configuration was being utilized at the time of the comment.
Non Standard: Indicates that a "Lesser Preferred" runway configuration was being utilized at the time of the comment.
QHP: QuieterHome Program
2. This column is used to indicate the conditions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

Comment Location (SDF/LOU)

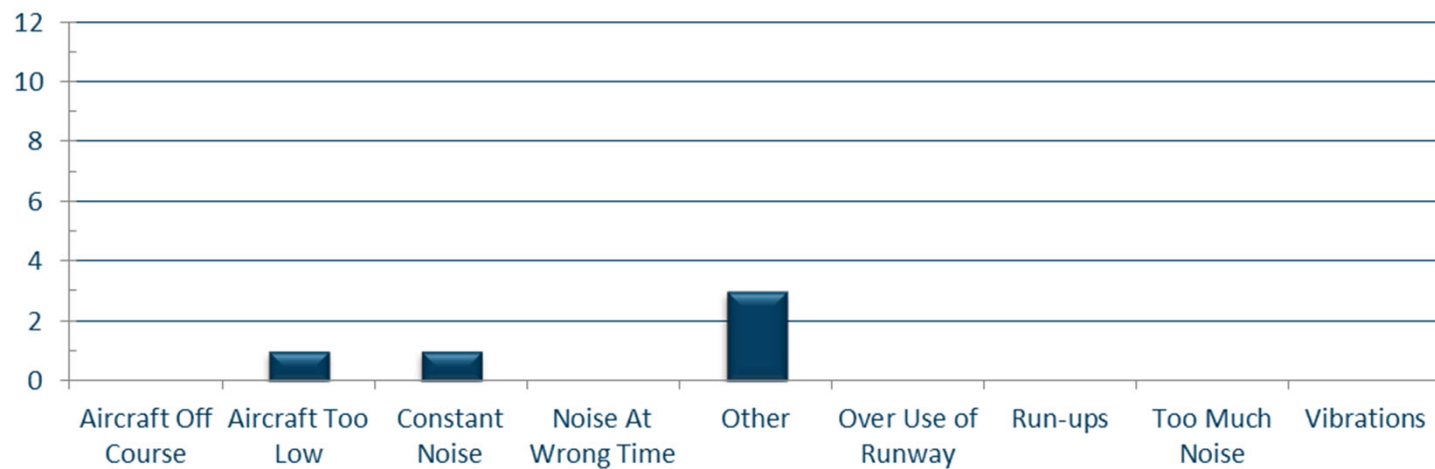
March 2019



New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU) March 2019



NOISE COMMENT REPORT



April 2019

Comments (SDF/LOU)

April 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Waxwing Pl	40223	SE (<60)	2019-04-02 08:37:00	2019-04-01 09:37:00	SDF	Other	Investigated	Standard	None	Would someone please let the LOUISVILLE people know what the spraying over our city is all about? Is it harmful? What are the planes spraying? This has been going on 14 of the past 15 days and turning clear days into cloudy or hazy days. Please let me know what's going on because it could be harmful.
Pheasant Ave	40118	SW (<60)	2019-04-15 12:18:00	2019-04-01 12:18:00	SDF	Aircraft Off Course	Investigated	Standard	None	About 2 weeks ago you had 2 UPS planes fly right in between the roadway and Austin Park apartments. I could see the antennas on them. They were about 7 minutes apart maybe. I thought they were supposed to stay in the Minor Lane runway area in and out. I would like to find out the answer why it is happening and hopefully it will never happen again. Call me back before I call someone in the media and start getting something going.
Greenleaf Rd	40213	NE (60-65)	2019-04-01 15:47:00	2019-04-01 15:47:00	SDF	Other	Investigated	Standard	None	I live in the vicinity of the airport. I was getting ready to remodel my home and a friend told me that I should look into the program for new windows and doors. Can you tell me where I can find out more information on this program and if I am eligible?
Mitchell Hill Rd	40118	SW (<60)	2019-04-08 15:10:00	2019-04-04 13:00:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Ops	I live out in Fairdale and on Thursday UPS was really taking advantage of the situation. They were flying directly over our house and turning early 13 times. This is a log house where you came out a long time ago. They were flying directly over the house and between our house and Fairdale. In the matter of about an hour they flew over 13 times. Friday when it was overcast you could hardly hear anything.

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)

April 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
W Wellington Ave	40214	SW (unk)	2019-04-04 15:20:00	2019-04-04 15:20:00	SDF	Other	Investigated	Standard	None	I am about to list a property in the Beechmont area, and the seller mentioned some sort of window replacement assistance program that the airport partakes in. Does this sound familiar to you?
S 1st ST	40214	SW (60-65)	2019-04-10 09:40:00	2019-04-09 13:00:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I don't want to play phone tag. I am calling about the ungodly airplane noise that I experienced yesterday and from 3:00 a.m. to 6:00 a.m. this morning. When it sounds like you are on a cot on the tarmac or the planes are coming through your houses there is something amiss. I have been here 40 years and I am used to the airport and expressway. So if you would like to call I would appreciate it. I will pursue.
Administration Dr	40209	UNK (UNK)	2019-04-14 22:42:00	2019-04-14 22:42:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	So loud!
Administration Dr	40209	UNK (UNK)	2019-04-14 23:31:00	2019-04-14 23:31:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	So loud cannot sleep!
Fetter Ave	40217	NE (65+)	2019-04-22 14:39:00	2019-04-22 14:39:00	SDF	Other	Investigated	Standard	None	Any updates to noise reduction modification for residential homes within the 65 DNL?
Lebanon KY	40033	SE (<60)	2019-04-27 19:35:00	2019-04-27 19:35:00	SDF	Aircraft Off Course	Investigated	Standard	None	We are once more told to contact you concerning loud flyovers. I need to know who to talk to who can actually help with this matter.

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)

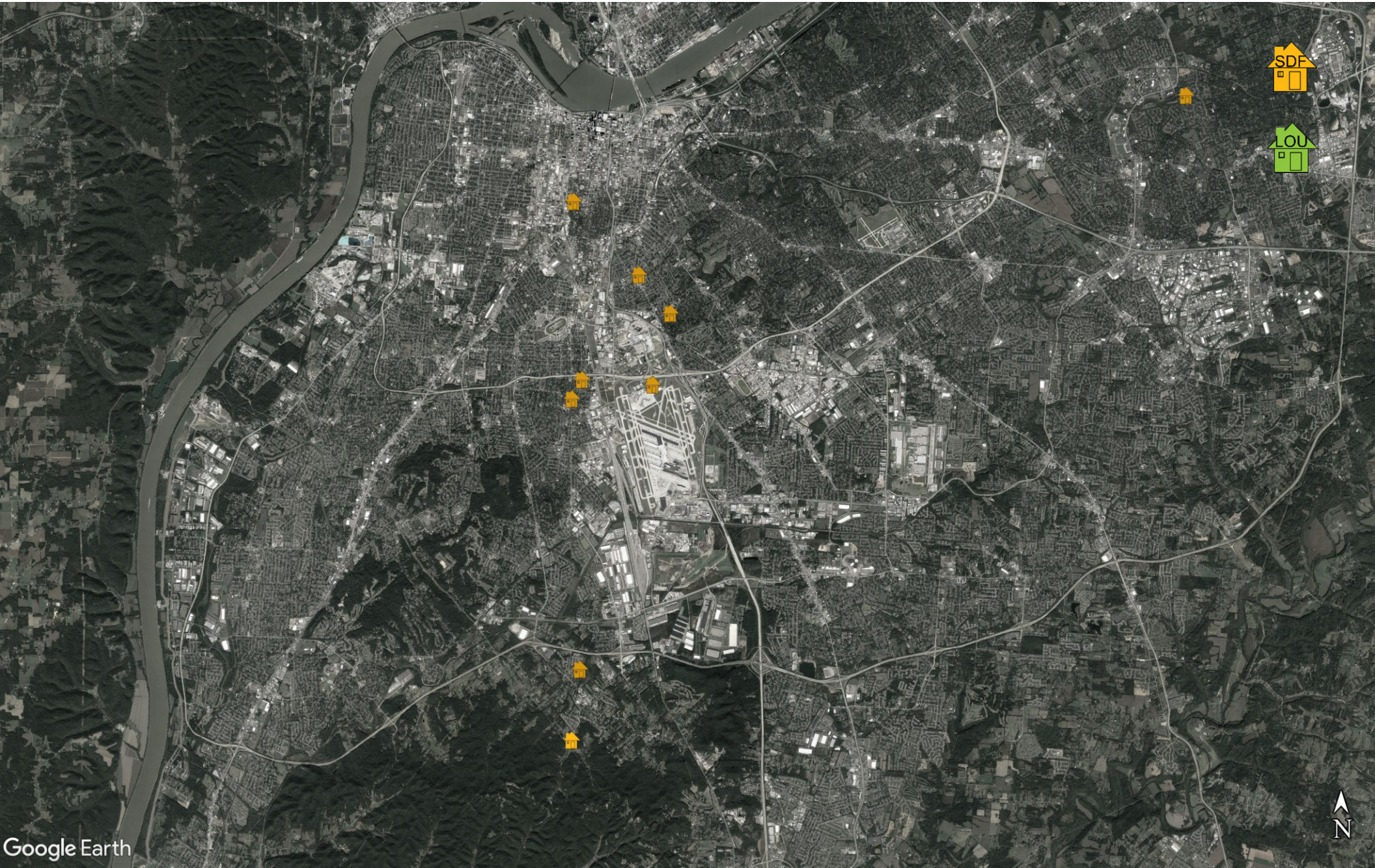
April 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
W Oak St	40203	NW (60-65)	2019-04-30 13:10:00	2019-04-30 13:10:00	SDF	Constant Noise	Investigated	Standard	None	We used to get a break in the noise from time to time. Now we never get a break. I would like to know how you measure the noise. It is really loud hear and louder than ever before.
							Received	LRAA	11	

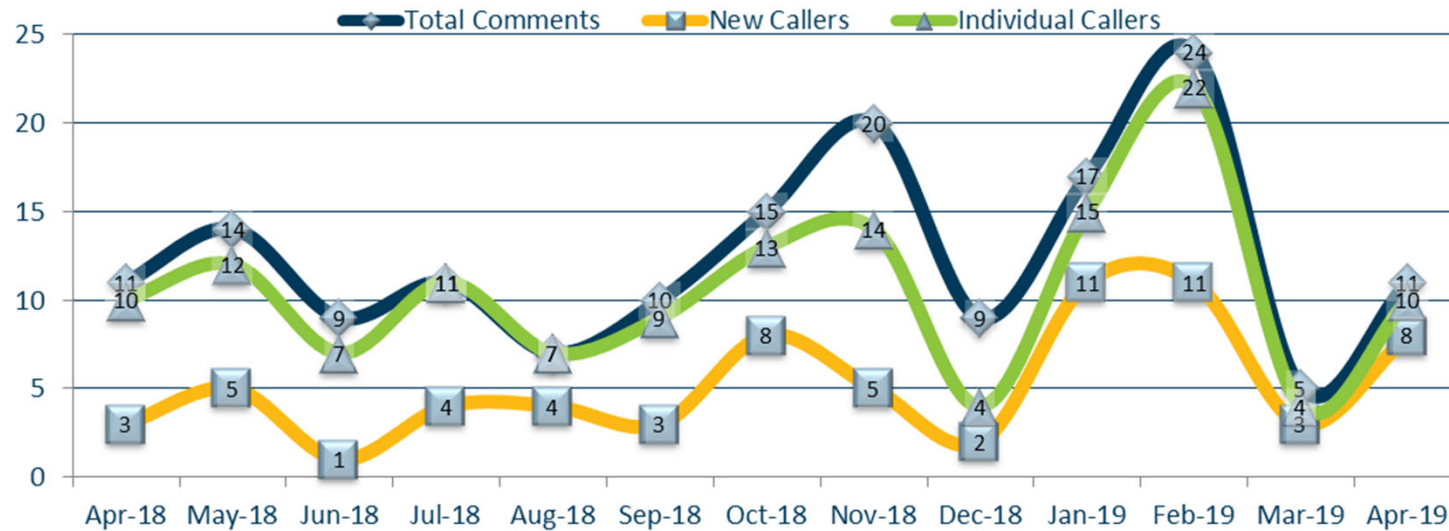
1. **Standard:** Indicates the “Most Preferred” runway configuration was being utilized at the time of the comment.
Non Standard: Indicates that a “Lesser Preferred” runway configuration was being utilized at the time of the comment.
QHP: QuieterHome Program
2. This column is used to indicate the conditions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

Comment Location (SDF/LOU)

April 2019

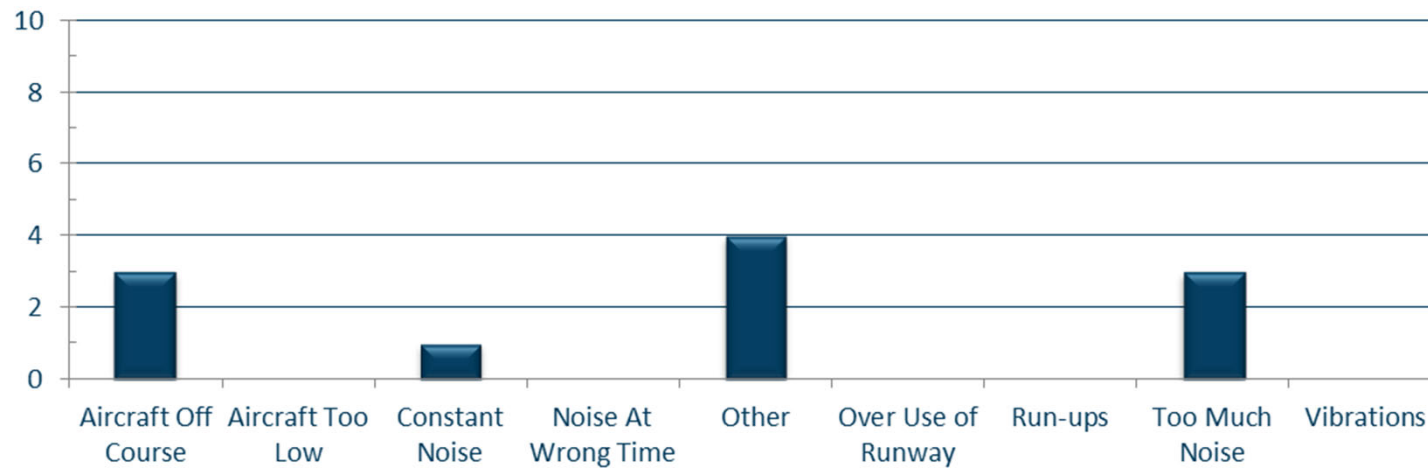


New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU)

April 2019



Daily Runway Use Uncorrected (SDF) March 2019

Flow	Time	Fri 3/1	Sat 3/2	Sun 3/3	Mon 3/4	Tue 3/5	Wed 3/6	Thu 3/7	Fri 3/8	Sat 3/9	Sun 3/10	Mon 3/11	Tue 3/12	Wed 3/13	Thu 3/14	Fri 3/15	Sat 3/16	Sun 3/17	Mon 3/18	Tue 3/19	Wed 3/20	Thu 3/21	Fri 3/22	Sat 3/23	Sun 3/24	Mon 3/25	Tue 3/26	Wed 3/27	Thu 3/28	Fri 3/29	Sat 3/30	Sun 3/31	Time
North Flow	0:00																																0:00
	0:30																																0:30
	1:00											X																					1:00
	1:30																																1:30
	2:00													X																			2:00
	2:30																																2:30
South Flow	3:00																																3:00
	3:30																																3:30
	4:00																																4:00
	4:30																																4:30
	5:00																																5:00
	5:30																																5:30
	6:00																																6:00
	6:30																																6:30
	7:00																																7:00
	7:30																																7:30
North Flow	8:00																																8:00
	8:30																																8:30
	9:00																																9:00
	9:30																																9:30
	10:00																																10:00
	10:30																																10:30
South Flow	11:00																																11:00
	11:30																																11:30
	12:00																																12:00
	12:30																																12:30
	13:00																																13:00
	13:30																																13:30
	14:00																																14:00
	14:30																																14:30
	15:00																																15:00
	15:30																																15:30
	16:00																																16:00
	16:30																																16:30
	17:00																																17:00
North Flow	17:30																																17:30
	18:00																																18:00
	18:30																																18:30
	19:00																																19:00
	19:30																																19:30
	20:00																																20:00
South Flow	20:30																																20:30
	21:00																																21:00
	21:30																																21:30
	22:00																																22:00
	22:30																																22:30
	23:00																																23:00
North Flow	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 March 2019

Day	Date	Time	Comment
Fri	1-Mar-19	1300-2130	WIND 01010
Sat	2-Mar-19	1430-0000	WIND 31010
Sun	3-Mar-19		
Mon	4-Mar-19		
Tue	5-Mar-19	0800-0900	NORTH FLOW DUE TO FLIGHT CHECK SCHEDULED AT JVV
Wed	6-Mar-19		
Thu	7-Mar-19		
Fri	8-Mar-19		
Sat	9-Mar-19		
Sun	10-Mar-19	0830-1000	WIND 270@08
Sun	10-Mar-19	1830-0000	WIND 3109
Mon	11-Mar-19	0000-0430	WIND 32009
Mon	11-Mar-19	0930-1000	DELAY IN FLOW CHANGE DUE TO TRAINING.
Mon	11-Mar-19	1300-2130	REMAINING NORTH FLOW DUE TO PICTURE TAKER IN THE DEPARTURE CORRIDOR AND LIMO OPERATING OVERHEAD AND TRAFFIC OPERATING OVERHEAD
Tue	12-Mar-19		
Wed	13-Mar-19	0930-1030	REM SOUTH DUE TO CURRENT AND FCST WIND 1711G18
Thu	14-Mar-19		
Fri	15-Mar-19	0930-1230	REM SOUTH FLOW DUE TO CURRENT AND FCST WIND 2514G22
Sat	16-Mar-19	2030-0000	WIND 33012G19
Sun	17-Mar-19	0000-0530	WIND 31008
Mon	18-Mar-19	0000-0230	WIND 320@11
Mon	18-Mar-19	1300-1430	REMAINING NORTH FLOW. WIND 32008
Tue	19-Mar-19		
Wed	20-Mar-19	0930-1230	REM SOUTH FLOW FOR FCST WIND 1912
Thu	21-Mar-19	1900-2130	REM NORTH FLOW DUE TO WIND 3114
Fri	22-Mar-19		
Sat	23-Mar-19		
Sun	24-Mar-19		
Mon	25-Mar-19		
Tue	26-Mar-19	0300-0900	WIND 03015G20
Wed	27-Mar-19		
Thu	28-Mar-19	0930-1230	REM SOUTH FLOW DUE TO WIND 1910 AND FCST 2015G22
Fri	29-Mar-19		
Sat	30-Mar-19		
Sun	31-Mar-19		

Daily Runway Use Uncorrected (SDF) April 2019

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

Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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

South Flow is Preferred Flow from 09:30 Saturday - 09:30 Monday

X Complaint

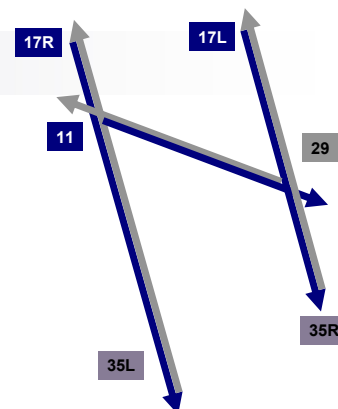
Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

Daily Runway Use (SDF)

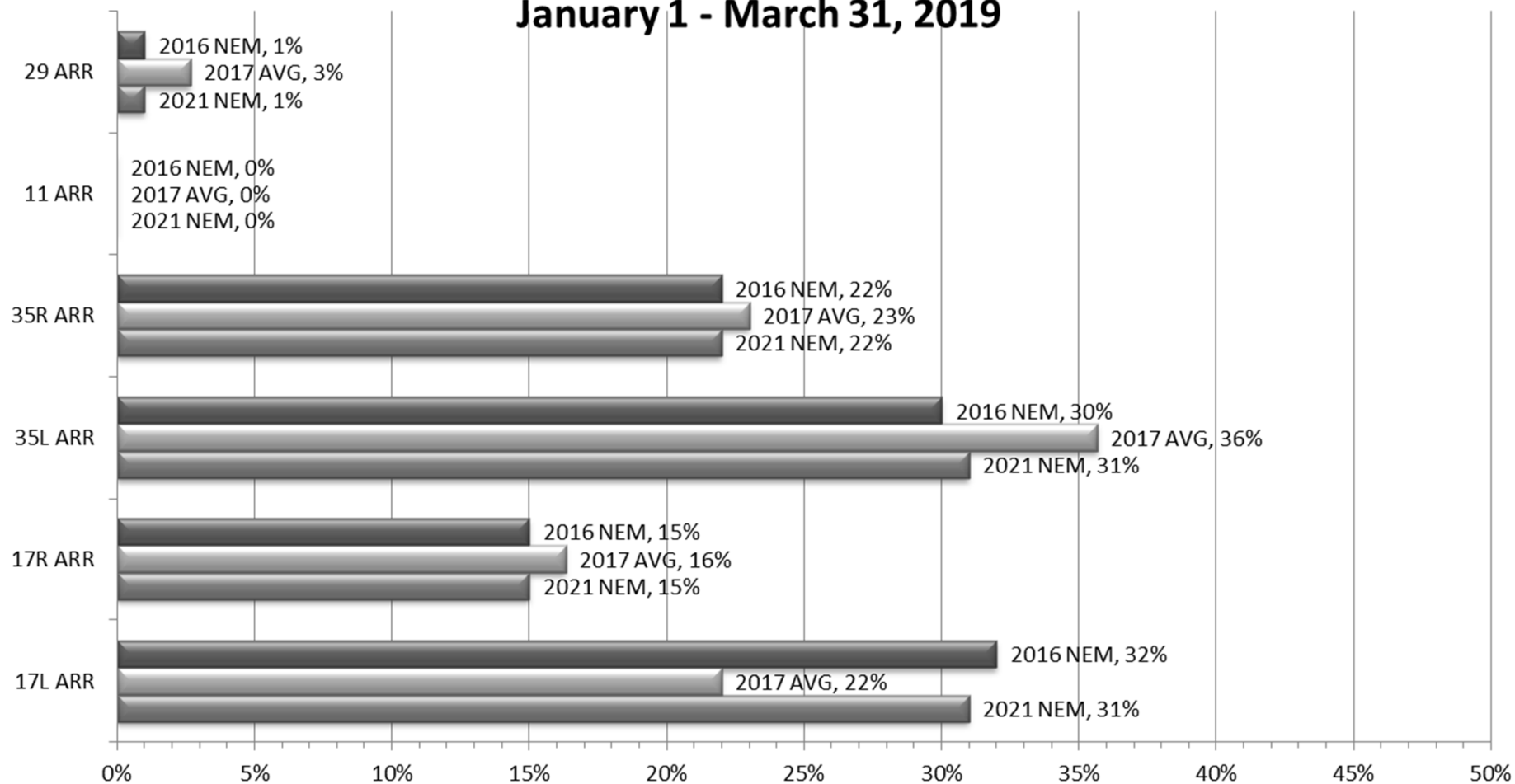
Tower Comments April 2019

Day	Date	Time	Comment
mon	1-Apr-19	0000-0400	WIND 030@015
mon	1-Apr-19	0930-1230	REMAINING SOUTH DUE TO OCCASSIONAL WIND GUST FROM THE SE 15013
tue	2-Apr-19	0930-1030	LATE CHANGE DUE TO VOLUME/ AIRFIELD CLOSURES.
wed	3-Apr-19		
thu	4-Apr-19		
fri	5-Apr-19		
sat	6-Apr-19		
sun	7-Apr-19		
mon	8-Apr-19		
tue	9-Apr-19	2000-2130	REMAIN N. FLOW FOR WINDS 33012G18
wed	10-Apr-19		
thu	11-Apr-19		
fri	12-Apr-19		
sat	13-Apr-19		
sun	14-Apr-19		
mon	15-Apr-19	0300-0430	WIND 30009
mon	15-Apr-19	0700-0900	WIND 28014KT
mon	15-Apr-19	1600-1830	WIND 33008KT
tue	16-Apr-19		
wed	17-Apr-19	0930-1230	REM SOUTH FLOW DUE TO CURRENT AND FCST WIND 2014G23
thu	18-Apr-19		
fri	19-Apr-19		
sat	20-Apr-19		
sun	21-Apr-19	0730-1030	NORTH FLOW, CAT II AND III OPERATIONS PENDING DUE TO RVR 35R 1000, 35L 0700
mon	22-Apr-19	1130-1230	WIND 16010. EARLY FLOW CHANGE DUE TO WIND
tue	23-Apr-19		
wed	24-Apr-19	0300-0430	REMAINING NORTH DUE TO WIND 36008. WIND EXPECTEED TO DIMINISH WITHIN AN HOUR
thu	25-Apr-19	0930-1230	REM SOUTH FLOW DUE TO CURRENT AND FCST WIND 1912
fri	26-Apr-19		
sat	27-Apr-19		
sun	28-Apr-19		
mon	29-Apr-19	0930-1230	WIND 2112
tue	30-Apr-19		

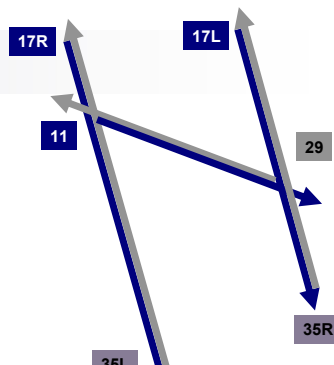
Runway Use (SDF Arrivals)



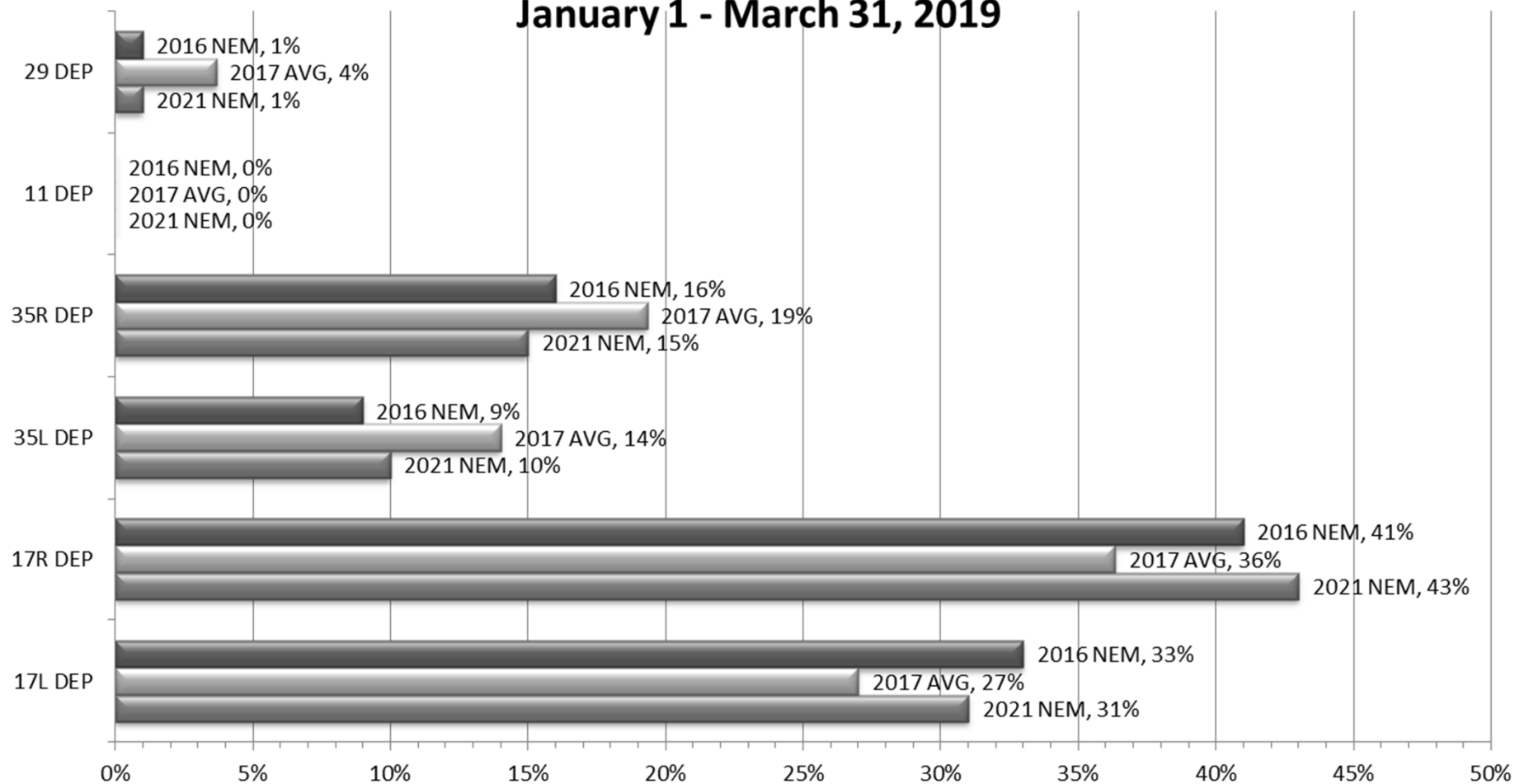
NEM vs. Actual
January 1 - March 31, 2019



Runway Use (SDF Departures)

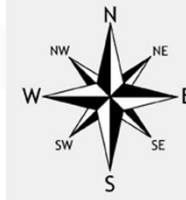


NEM vs. Actual January 1 - March 31, 2019



Runway Use 0930L-1230L_(SDF)

As of March 31, 2019

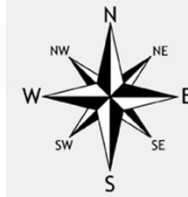


	Arrival Percentage by Runway								Departure Percentage by Runway							
	11	17L	17R	29	35L	35R	% From South	Arrival Count	11	17L	17R	29	35L	35R	% To North	Departure Count
Mar-17	0	25	16	0	35	24	59	943	0	23	23	0	11	43	54	395
Apr-17	0	16	49	1	22	12	34	836	1	19	38	5	10	27	37	397
May-17	0	28	20	0	30	22	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
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
Monthly Avg.	0	20	22	1	34	24	57	936	0	21	20	2	10	47	57	413

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

Gate Compliance by Runway

As of March 31, 2019

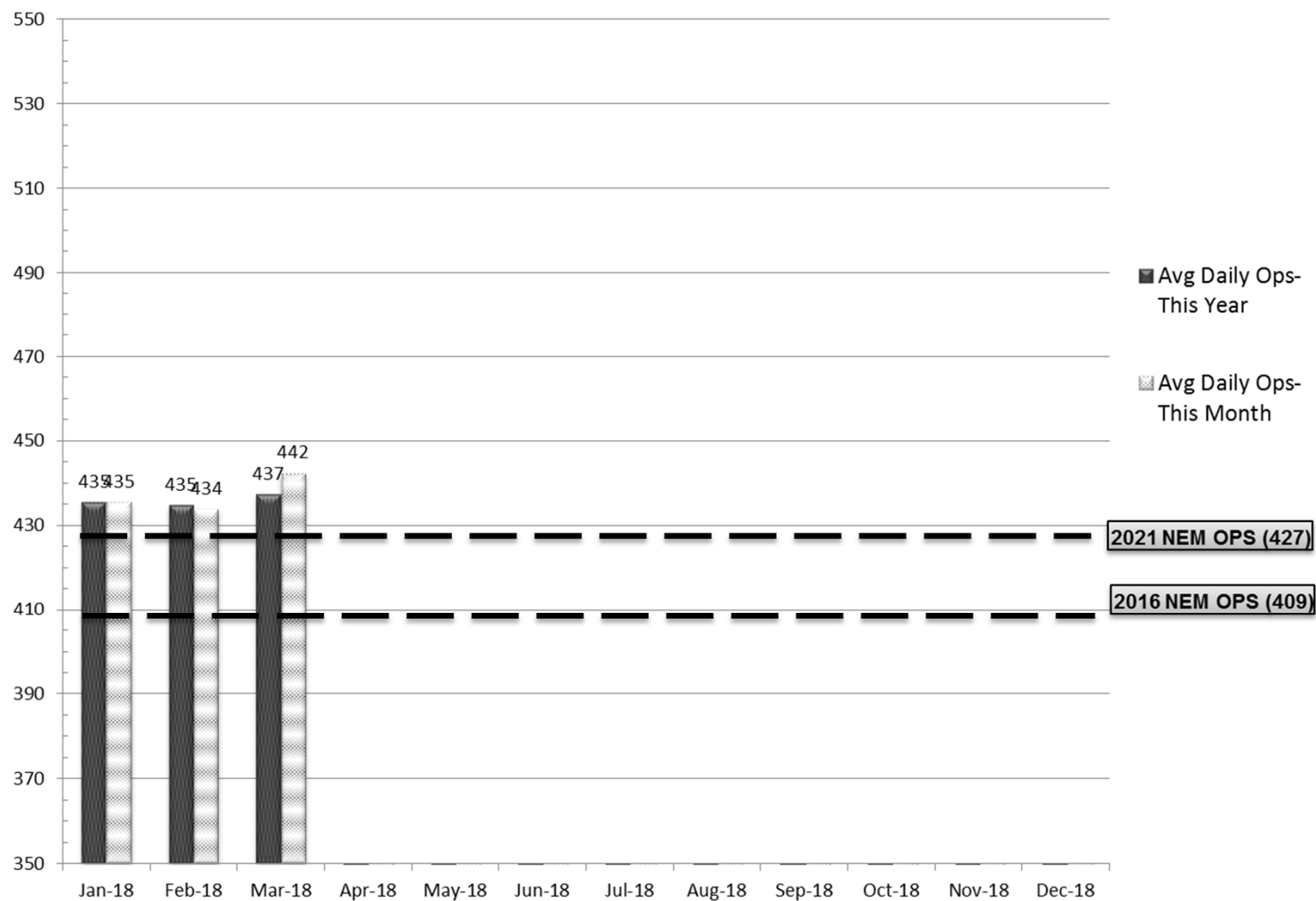


	ARRIVALS Percent Compliant					Departure Percent Compliant				
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
May-17	86%	90%	90%	89%	89%	72%	90%	67%	84%	78%
Jun-17	87%	87%	87%	88%	87%	79%	91%	69%	87%	82%
Jul-17	87%	92%	90%	90%	90%	81%	89%	67%	86%	81%
Aug-17	84%	93%	90%	87%	89%	80%	84%	73%	91%	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%
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%
24 Month Avg.					90%					81%

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

Operations (SDF)

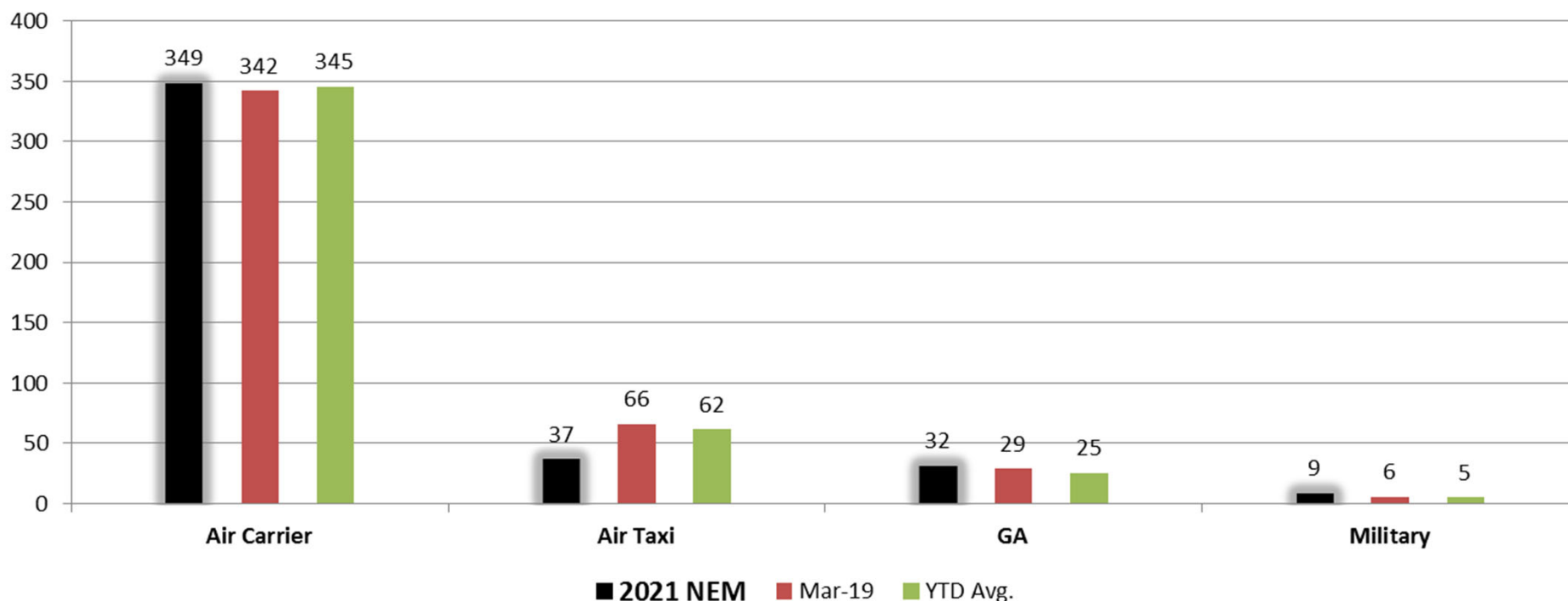
As of March 31, 2019



Operations by Aircraft Category (SDF)

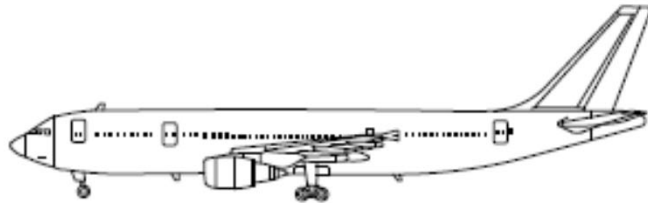
As of March 31, 2018

Average Daily Operation by Category



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

Sample Aircraft Types (SDF)



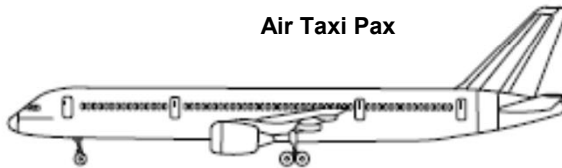
A300
Air Carrier Cargo



B767
Air Carrier Cargo



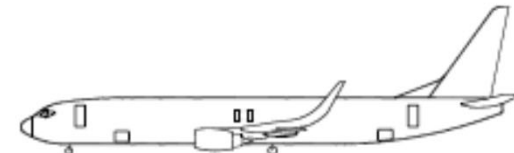
E135/45
Air Taxi Pax



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