

Community Noise Forum
Monday, September 25, 2017
Agenda

- I. Call to order: 6:00 PM
- II. Minutes of July 24, 2017
- III. UPS Worldport Tour and 747-8F Viewing, October 6, 2017
- IV. Part 150 NCP
 - A. Update: Noise Insulation Program
 - B. Contraflow Exceptions
 - C. NEM Update
- V. Current Noise Concerns
 - A. Noise Concerns/Complaints
 - B. Runway Utilization
 - C. Construction and Maintenance Activity
- VI. Announcements
- VII. Guest Comments
- VIII. Next Meeting: November 27, 2017
- IX. Adjournment

COMMUNITY NOISE FORUM (CNF)
Monday, July 24, 2017

Members

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

Verná Goately, Metro
John Greathouse, Southwest (Alt)
Denny Thompson, SE
Mike Zanone, NW

Guests

Clifford & Becky Salmon, Dublin Circle

The meeting was called to order at 6:00 p.m. by John Sistarenik. The meeting notes for March 27th and May 22nd were approved.

Tom Foote gave a short presentation on the 747-8F aircraft to the group. This will be a Group 6 aircraft and the largest aircraft in the UPS fleet. Currently, the largest UPS aircraft is a Group 5 aircraft. UPS ordered 14 new planes with the option to get 14 more. The first aircraft is due the end of September. Initial routings will be to and from Asia leaving out of SDF. This aircraft has a 30% smaller noise footprint and is 16% more fuel efficient than their current 747-400 aircraft. Overall, this will be a cleaner, quieter, and more efficient aircraft.

John noted that in the past, members of the group have expressed interest in possibly taking a tour of the UPS sorting facility. Tom is sure that this is definitely something that can be arranged. If this is something the group would like to do then we need to start thinking about times.

Part 150 NCP:

- A. **Update: University of Louisville:** A total of 24 buildings have been tested. Testing results were received in October 2016. Two of the 24 buildings tested had an overall interior noise level above 45 dB. There are six additional buildings that have rooms that exceed the 45 dB criteria on an individual basis but do not qualify for full treatment of the entire structure. Currently, we are in the environmental/design phase of the project.
- B. **Contraflow Exceptions:** Contraflow for May was 75% for arrivals from the south and 80% for departures to the south. In June, arrivals from south were 74% and departures to the south were 93%. A daily summary for May and June is contained in the handout. The 2 year average (July 2015- June 2017) for contraflow is 73% for arrivals and 78% for departures. A monthly summary going back 8 years is also included in the handout.

- C. **NEM Update:** No updates to report at this time. The ADO was in town recently and this was again brought to their attention. They replied that this was unacceptable and would be looking into it.

Current Noise Concerns:

- A. **Report on Noise Concerns/Complaints:** A total of 7 comments were received in May primarily related to departures to the north. In June, a total of 9 comments were received. Comments and locations are contained in the handout.
- B. **Runway Utilization:** Runway utilization percentages for May and June are contained in the handout. Daily runway utilization and comments from the Air Traffic Control Tower are also included in the handout. Bob noted a slight increase in utilization on runway 17R and believes it attributed to temporary closures of runway 17L for maintenance. We will be keeping an eye on this as we move forward.
- C. **Construction and Maintenance Activity:** Brian Sinnwell reported that there are several ongoing projects such as pavement rehabilitation, terminal apron repair, and airfield electrical. Most of this work is being done during the normal runway closure periods. However, these projects have caused additional closures of the east runway. The pavement project is completed and the electrical project will be complete in approximately 2 weeks. Going forward there will be an additional pavement rehab project on the west runway starting in September and it will take about 9 weekends to finish. Expected completion is early November. Group 6 geometric improvements will also be occurring and may create additional closures on both sides. This project should be completed towards the end of September.

Guest Comments: Mr. Clifford Salmon submitted written comments to the group regarding flights departing to the south and flying over the area of Dublin Circle in Bullitt County. He has lived in the area for approximately 5 years and it seems to be getting worse (See attached notes from Mr. Salmon). It was explained that this area is outside of the DNL 65 contour and that any changes to departure procedures would need to be implemented by the FAA. Typically, the FAA would be very concerned about potentially moving noise from one area to another.

Announcements: None.

Next Meeting: Monday, September 25, 2017 at 6 p.m.

Adjournment: A motion was made to adjourn the meeting at 7:09 p.m.

24, July 2017

Noise from departing Flights in the Zoneton Area

Departing flights from SDF RWY 17L or 17R.

The departing flights from Stanford International Airport now cross an area that has grown tremendously in the last few years, and the population continues to increase. The noise from the departures while not deafening can be very annoying during the early morning hours. Once you are up for any reason during the high departure period it can be very distracting trying to get back to sleep.

The Problem

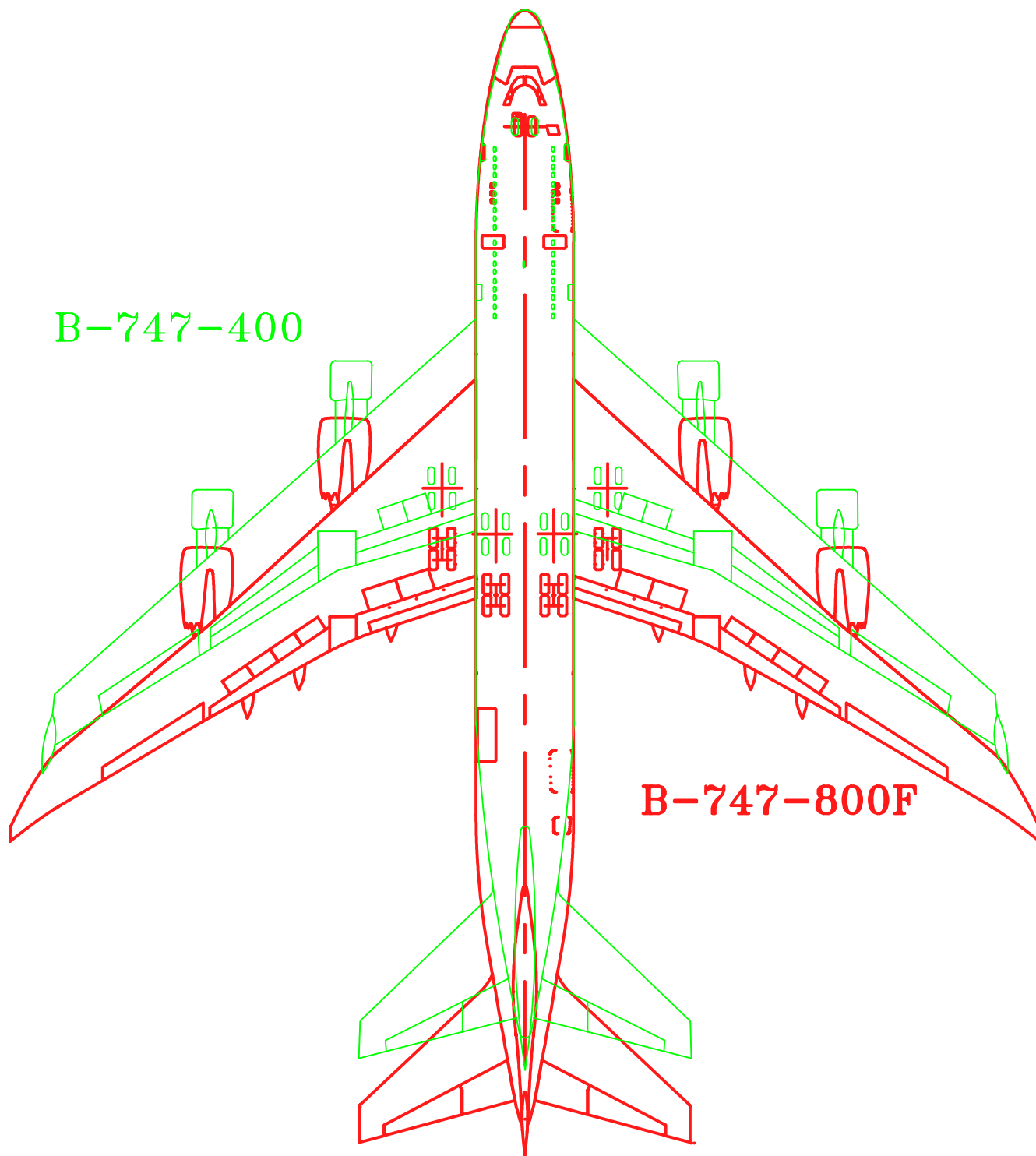
From runway 17L or 17R after take off and during climb out the problem occurs during a left turn to intercept their departure heading.

The solution

From the hours between 11:00 pm and 6:00 am, after take off if flights could delay their left turn for 1 minute. At an estimated speed of 180 knots they would travel approximately 3 or 4 miles on the departure heading of 170. And then turn left to intercept their heading. This extra 1 minute would put the aircraft in the approximate area called Gap in Knob. North of Shepherdsville and well north of the Fort Knox Restricted air space. This areas population is very sparse compared to area they are flying over now. And the aircraft will have gained altitude further decreasing engine noise for that area.

This change in the departure flight pattern I believe will help tremendously now. Thereby reducing complaints in the future, as this area continues to grow. Being proactive and keeping ahead of the game on this will reduce problems in the future as they will already be solved. Thank you for your help.

Clifford Salmon
148 Dublin Circle
Louisville, KY. 40229-3473 (Bullitt county)
502-599-7080
kycliff@aol.com
Airman certificate #3444816



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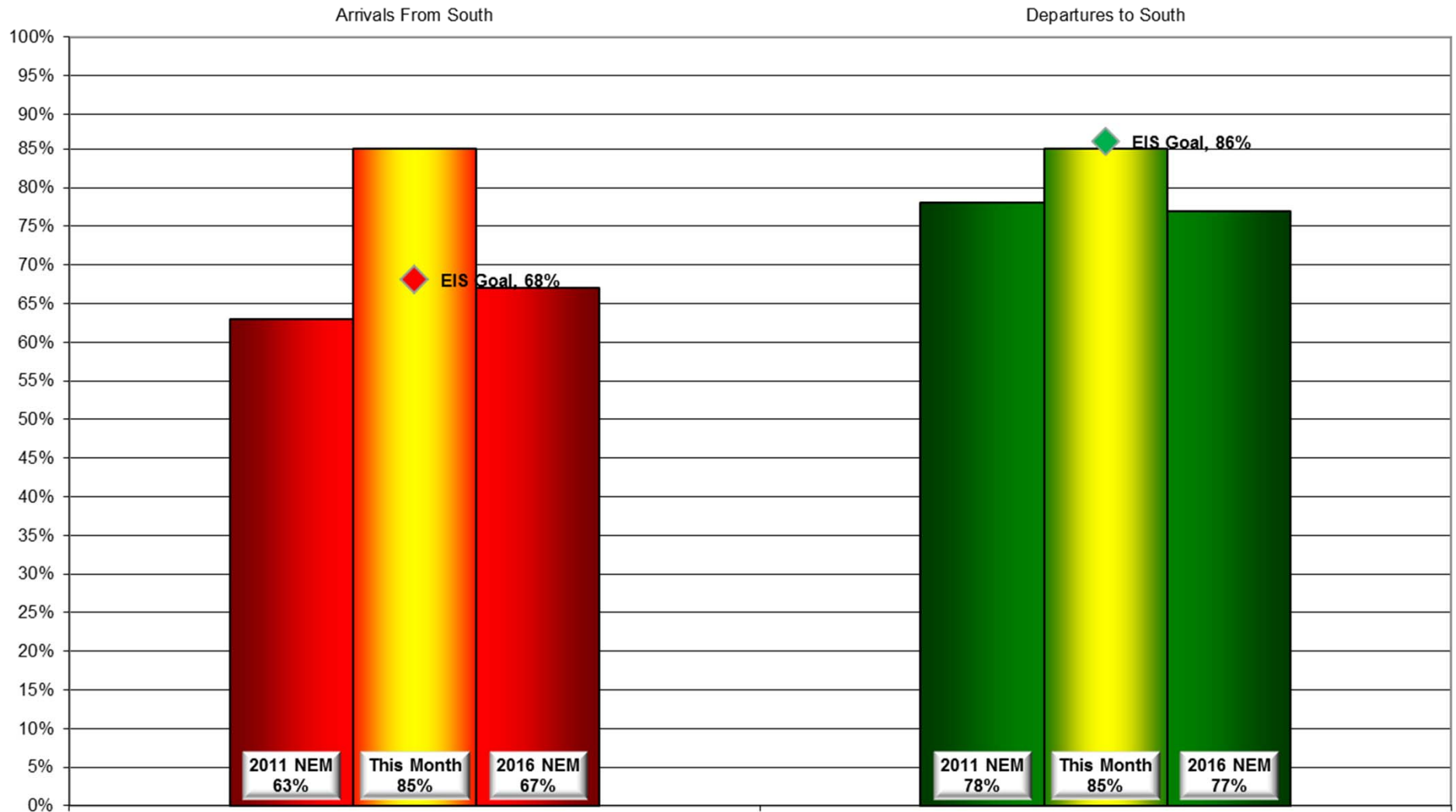
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AIRPORT**

747-400 VS 747-800F

DRAWN	CHECKED	SCALE	DATE	SHEET
MRN	ST	N.T.S.	08/10/17	1 of 1

Monthly Contraflow July 1-31, 2017



Daily Runway Use Summary – July 2017

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

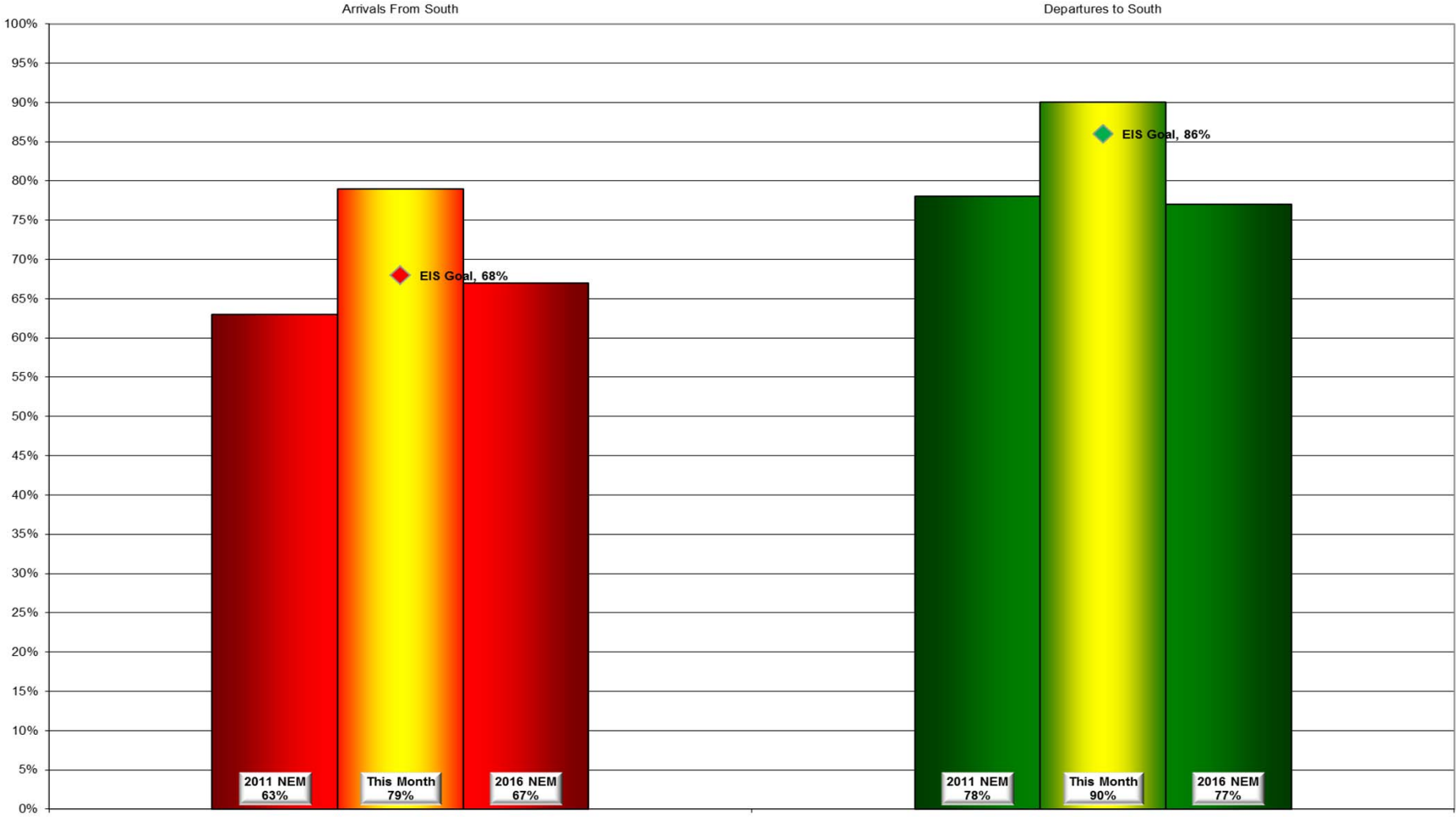
		% of all arrivals from the south										% of all departures to the south									
Date	Day	* in compliance	Runway #						Unknown Runway Use	Notes / Comments		** in compliance	Runway #						Unknown Runway Use	Notes / Comments	
			11	17L	17R	29	35L	35R					11	17L	17R	29	35L	35R			
07/03/17	Mon	96%			2	2			63	33	0				17	76			2	5	0
07/04/17	Tue	91%			6	3			75	16	0				39	59			2		0
07/05/17	Wed	97%			1	2			62	35	0				35	57			3	5	0
07/06/17	Thu	97%			2	1			57	40	0				34	63			1	2	0
07/07/17	Fri	0%			36	64					0	180-240@5-8knts,TSRA			39	61					0
07/08/17	Sat																				
07/09/17	Sun																				
07/10/17	Mon	0%			45	55					0	200-210@6-12knts,G17			41	59					0
07/11/17	Tue	96%			3	1			63	33	0				41	47			7	5	0
07/12/17	Wed	93%			4	3			58	35	0				39	55			3	3	0
07/13/17	Thu	94%			5	1			57	37	0				43	47			4	6	0
07/14/17	Fri	100%							64	36	0								50	50	0
07/15/17	Sat																				010-020@6-9knts
07/16/17	Sun																				
07/17/17	Mon	97%			2	1			63	34	0				31	56			8	5	0
07/18/17	Tue	98%			1	1			61	37	0				32	57			5	6	0
07/19/17	Wed	97%			2	1			62	35	0				37	57			1	5	0
07/20/17	Thu	96%			3	1			62	34	0				34	58			4	4	0
07/21/17	Fri	80%			15	5			48	32	0				36	62			1	1	0
07/22/17	Sat																				
07/23/17	Sun																				
07/24/17	Mon	93%			4	3			56	37	0				39	55			5	1	0
07/25/17	Tue	98%			1	1			58	40	0				38	55			3	4	0
07/26/17	Wed	95%			3	2			56	39	0				39	55			4	2	0
07/27/17	Thu	62%			25	13			41	21	0	180-250@5-8knts,RA			34	61			1	4	0
07/28/17	Fri	100%							65	35	0								58	42	0
07/29/17	Sat																				
07/30/17	Sun																				
07/31/17	Mon	98%			2				58	40	0				32	64			2	2	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
August 1-31, 2017



Daily Runway Use Summary – August 2017

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

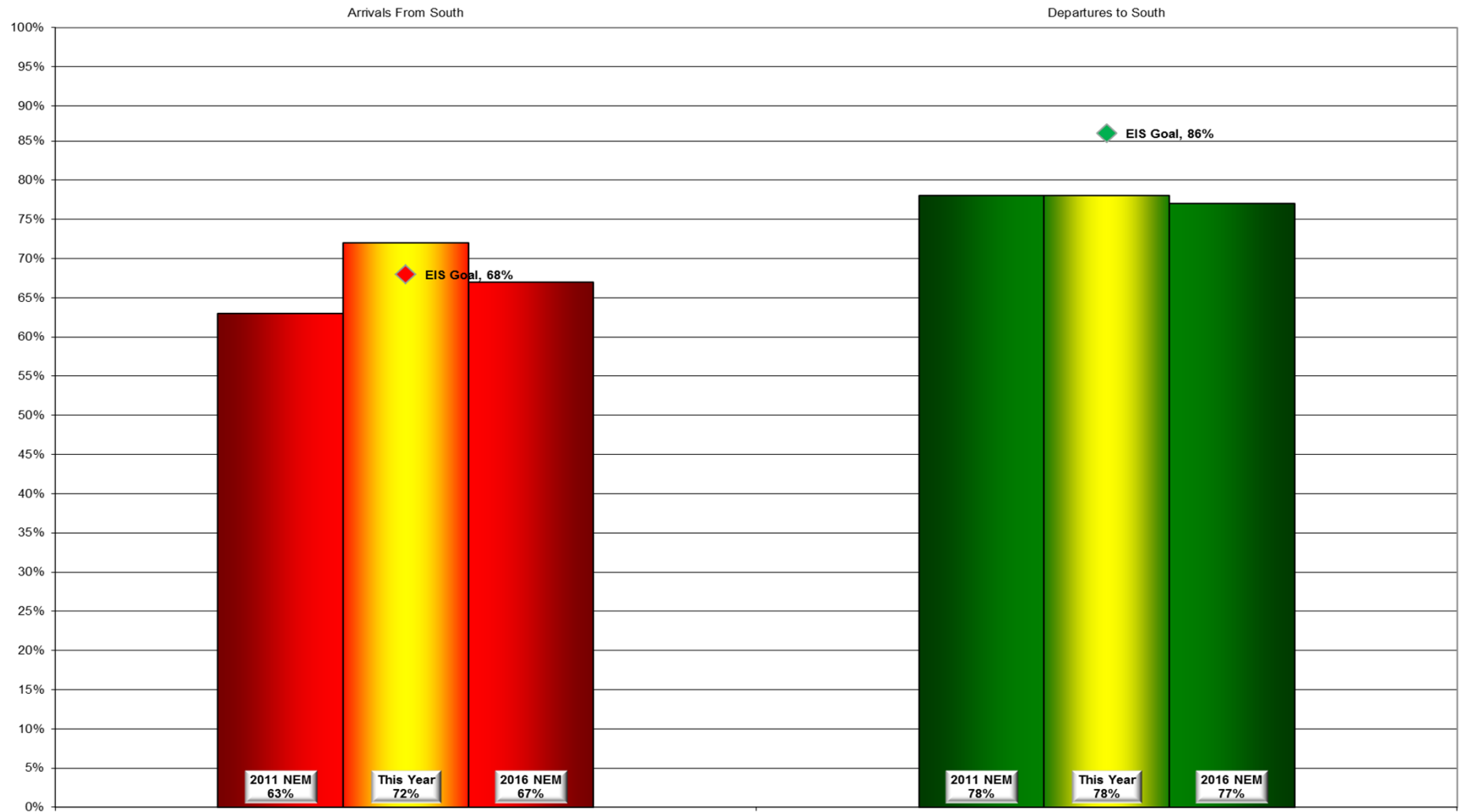
		% of all arrivals from the south										% of all departures to the south											
Date	Day	* in	Runway #							Unknown	Notes /		** in	Runway #							Unknown	Notes /	
		compliance	11	17L	17R	29	35L	35R	Use	Runway				compliance	11	17L	17R	29	35L	35R	Use		
08/01/17	Tue	97%			1	2			57	40	0		94%			35	59			3	3	0	
08/02/17	Wed	97%			2	1			56	41	0		94%			35	59			3	3	0	
08/03/17	Thu	0%			46	54					0	150-180@5-7knts	100%			40	60					0	
08/04/17	Fri	90%			6	4			53	37	0		95%			40	55			1	4	0	
08/05/17	Sat																						
08/06/17	Sun																						
08/07/17	Mon	97%			3				61	36	0		84%			33	51			8	8	0	
08/08/17	Tue	98%			1	1			59	39	0		93%			35	58			2	5	0	
08/09/17	Wed	98%			1	1			60	38	0		92%			38	54			4	4	0	
08/10/17	Thu	99%			1				61	38	0		91%			33	58			6	3	0	
08/11/17	Fri	92%			3	5			56	36	0		97%			48	49			1	2	0	
08/12/17	Sat																						
08/13/17	Sun																						
08/14/17	Mon	99%			1				59	40	0		91%			37	54			6	3	0	
08/15/17	Tue	92%			5	2	1		55	37	0		95%			36	59			1	4	0	
08/16/17	Wed	89%			6	5			57	32	0		97%			41	56			1	2	0	
08/17/17	Thu	0%			42	58					0	180-220@3-9knts	100%			37	63					0	
08/18/17	Fri	94%			2	4			61	33	0		91%			36	55			2	7	0	
08/19/17	Sat																						
08/20/17	Sun																						
08/21/17	Mon	20%			31	49			11	9	0	170-190@7-8knts	98%			45	53			1	1	0	
08/22/17	Tue	96%			3	1			58	38	0		94%			37	57			4	2	0	
08/23/17	Wed	98%			1	1			59	39	0		90%			33	57			7	3	0	
08/24/17	Thu	95%			5				56	39	0		90%			37	53			6	4	0	
08/25/17	Fri	84%			12	4			59	25	0		95%			41	54			4	1	0	
08/26/17	Sat																						
08/27/17	Sun																						
08/28/17	Mon	0%			58	42					0	130-160@6-10knts,RA	100%			41	59					0	
08/29/17	Tue	96%			3	1			63	33	0		85%			28	57			6	9	0	030-130@3-5knts
08/30/17	Wed	95%			4	1			55	40	0		95%			38	57			4	1	0	
08/31/17	Thu	98%			1	1			56	42	0		0%							61	39	0	040-060@10-15knts,G24,RA

Preferred Flow

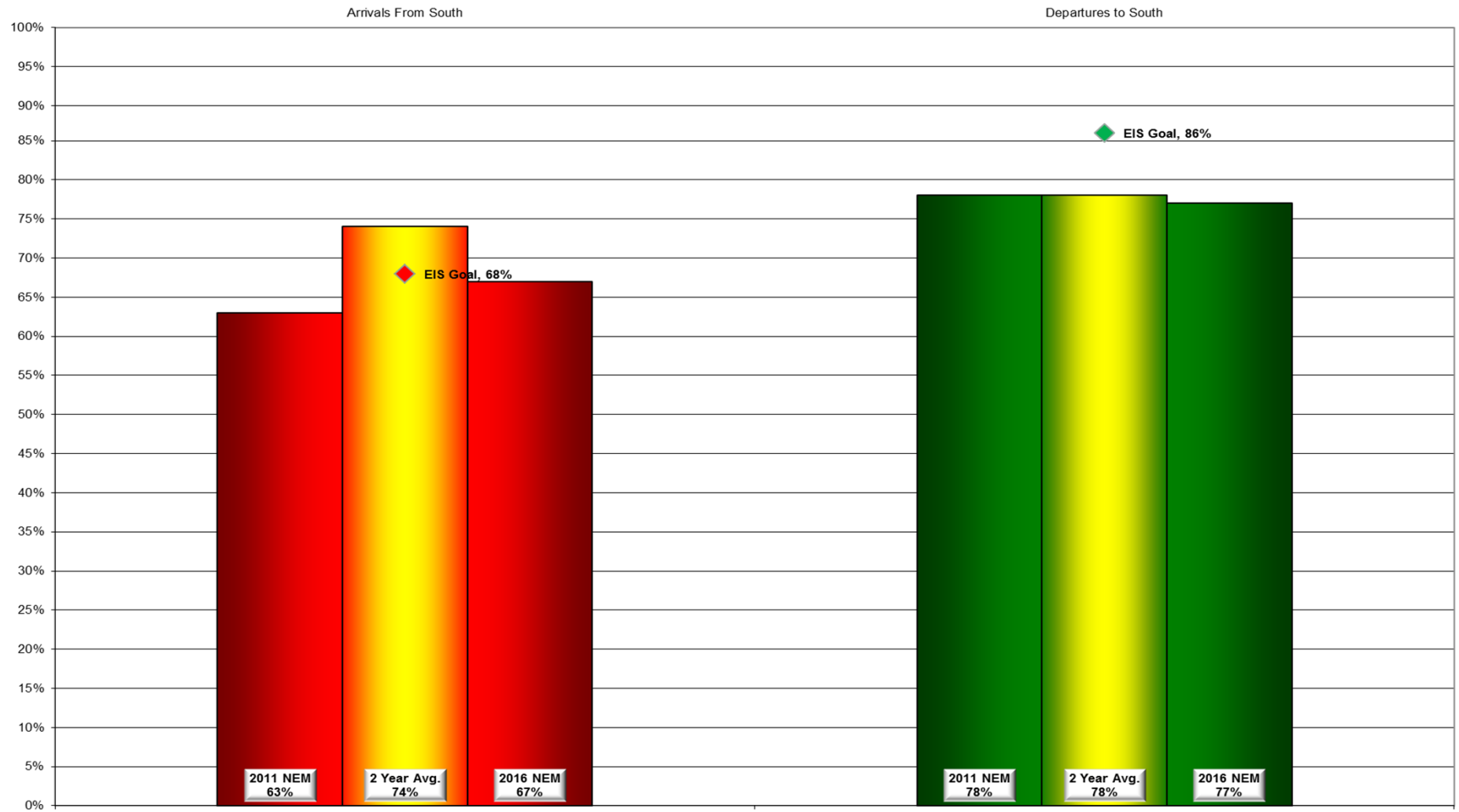
DATIS Reported Conditions Indicate
Support for Non-Preferred Flow

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

**Contraflow This Year
As of September 1, 2017**



**Contraflow 2 Year Average
September 2015 - August 2017**



Year-to-Year by Month Percent* Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2010	2011	2012	2013	2014	2015	2016	2017	Avg		2010	2011	2012	2013	2014	2015	2016	2017	Avg
Jan	94%	91%	62%	72%	51%	76%	69%	65%	73%	Jan	54%	71%	80%	65%	81%	76%	69%	61%	70%
Feb	90%	73%	69%	77%	72%	66%	80%	58%	73%	Feb	71%	63%	74%	78%	71%	76%	67%	77%	72%
Mar	80%	52%	61%	87%	60%	71%	63%	79%	69%	Mar	82%	72%	96%	77%	77%	66%	77%	62%	76%
Apr	57%	47%	78%	60%	67%	53%	86%	56%	63%	Apr	84%	83%	76%	89%	83%	77%	73%	80%	81%
May	56%	69%	72%	46%	60%	75%	62%	75%	64%	May	87%	85%	81%	85%	92%	80%	80%	80%	84%
Jun	66%	61%	79%	76%	75%	57%	79%	74%	71%	Jun	96%	93%	87%	80%	91%	91%	83%	93%	89%
Jul	61%	91%	62%	74%	79%	74%	59%	85%	73%	Jul	90%	88%	92%	88%	85%	80%	91%	85%	87%
Aug	59%	82%	49%	84%	61%	86%	76%	79%	72%	Aug	92%	91%	91%	92%	92%	91%	90%	90%	91%
Sep	70%	85%	55%	86%	85%	95%	88%		81%	Sep	73%	64%	92%	87%	86%	73%	93%		80%
Oct	80%	88%	62%	87%	75%	86%	81%		75%	Oct	78%	63%	78%	89%	79%	74%	81%		77%
Nov	85%	55%	84%	73%	78%	59%	74%		73%	Nov	77%	72%	81%	83%	62%	88%	77%		77%
Dec	67%	70%	64%	58%	78%	55%	75%		67%	Dec	78%	65%	67%	71%	68%	79%	62%		69%
Avg	72%	72%	66%	73%	70%	71%	74%	71%		Avg	80%	76%	83%	82%	81%	79%	79%	79%	

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

NOISE COMMENT REPORT



July 2017

Comments (SDF/LOU)

July 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
S 3rd St	40208	2017-07-06 19:59:00	2017-07-06 19:59:00	SDF	Constant Noise	NW	Investigated	Standard	None	I am a resident of old Louisville. We have attended many meetings with the Airport Authority. They continue to say planes do not cross over Old Louisville. Other neighborhoods in the city have tax credits to help sound proof houses. I would like to invite you to stay in the bed and breakfast next door to me at no charge so you can hear the loud noise these planes cause. Free, so you will be out nothing but a noisy nights rest! FREE!!!This will allow you to experience the noise level that the airport says we don't have. I have numerous planes on photo and video showing they do cross my property. Please help as this is a major problem. Property values will eventually decline, tourism is being affected due to this issue, not to mention the annoyance for property owners. Please call me to speak about this matter.
E Ashland Ave	40214	2017-07-09 13:00:00	2017-07-09 13:00:00	SDF	Too Much Noise	SW	Investigated	Non-Standard	Ops	I am sure you've heard from other residents this week, but I'd like to register my own concern. I've always wondered why the Air Guard's prop driven cargo planes had to land on a path that took them what seems to be only a couple hundred feet above my roof. They are extremely loud. This week, there have been some smaller fighter-style aircraft in the area (T-38s?). Their pilots seem to be hell bent on getting to cruising speed as quickly as possible, and while I can appreciate the novelty, their acceleration is WAY TOO LOUD for a residential area. What can be done?

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.

Comments (SDF/LOU)

July 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
S 2nd St	40214	2017-07-09 13:18:00	2017-07-09 13:18:00	SDF	Over Use of Runway	SW	Investigated	Non-Standard	Ops	I am a resident of the Beechmont neighborhood and the noise from the trainer jets this weekend is so loud, it's incredibly disruptive. I wanted to share this with someone since I know everyone in my neighborhood feels the same way.
Forrest St	40217	2017-07-11 14:22:00	2017-07-11 14:22:00	SDF	Other	NE	Investigated	Standard	None	I am a relator and could you look up the address on Forrest Street and tell me if it is eligible for the improvements?
Lowell Ave	40205	2017-07-11 21:39:00	2017-07-11 21:39:00	LOU	Too Much Noise	NE	Investigated	Standard	None	I live in zip code 40205. I am damn tired of the airplane circling every morning and every evening disturbing the quiet here in the upper highlands. According to the Bill of Rights, I have the right of peace and quiet and the enjoyment of my property. This is getting to be a nuisance and I think you should limit this. I know this is a money making thing for you but it is really quite interrupting when you would like to sit out in the yard and have your coffee and read the newspaper or enjoy the nature around you. You can call me back if you want but I think it is about time that we put this on the Next-Door neighborhood or Facebook.
Holsclaw Hill Rd	40109	2017-07-12 13:58:00	2017-07-12 13:58:00	SDF	Aircraft Off Course	SW	Investigated	Standard	None	The planes are banking early and rattle the house at about 2-4 in the morning and in the afternoon. If they would go straight just a little longer they would not overfly this area.
Walter Graham	40109	2017-07-12 13:58:00	2017-07-12 13:58:00	SDF	Aircraft Off Course	SW	Investigated	Standard	None	The planes are banking early and rattle the house at about 2-4 in the morning and in the afternoon. If they would go straight just a little longer they would not overfly this area.

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Comments (SDF/LOU)

July 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Mitchell Hill Rd	40118	2017-07-12 13:58:00	2017-07-12 13:58:00	SDF	Aircraft Off Course	SW	Investigated	Standard	None	The planes are banking early and rattle the house at about 2-4 in the morning and in the afternoon. If they would go straight just a little longer they would not overfly this area.
Forrest St	40217	2017-07-14 14:00:00	2017-07-14 14:00:00	SDF	Other	NE	Investigated	Standard	None	Who can I call regarding the house on Forrest that I want to buy? My relator said you told him that it is not eligible. I would like to know why because when I looked at the house there were planes going over.
Texas Ave	40217	2017-07-24 14:44:00	2017-07-17 10:48:02	SDF	Other	NE	Investigated	Standard	None	I'm a relator and I have a buyer looking at a property located on Texas Avenue. Last night they asked if I knew if the home was located in the area around SDF where windows are replaced due to noise levels. I am unfamiliar with this program and would love a little more insight so that I can better assist my clients.
Holsclaw Hill Rd	40109	2017-07-18 08:30:00	2017-07-18 03:00:00	SDF	Constant Noise	SW	Investigated	Standard	None	The noise starts at 3:00 a.m. and does not stop. This has been going on for several years. We have lived at this location for 13 years and the problem is getting worse.

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Comments (SDF/LOU)

July 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
5 Oaks Pl	40207	2017-07-27 19:57:00	2017-07-27 19:00:00	LOU	Noise At Wrong Time	NE	Investigated	Standard	None	I live in the Bowman Field area and I have been part of the neighborhood working with Bowman Field about the airport and the planes. I was driving down Drayton Road and a helicopter came off the airport and flew directly over me. That is not supposed to be their flight pattern to save the people that live in the homes from all the noise that a helicopter makes. It was about a half an hour ago. I just thought that you would want to know and that you could check on who was taking off at that time. I think it was WLKY. There is beautiful weather out and no reason for them to take an alternative route instead of going where the helicopters are supposed to. These guys just flew right over those homes. I thought you would want to know.
Drayton Dr	40205	2017-07-27 19:31:00	2017-07-27 19:25:00	LOU	Aircraft Too Low	NE	Investigated	Standard	None	We have been told in the neighbors meeting for Bowman Field that if there were any issues with sound or unsafe flying we should call you. I just came home and I had a helicopter which I believe it was the channel 32 helicopter but I'm not absolutely certain but it happened just 5 minutes ago at 7:25 p.m. It flew directly over my house very, very low it was just ridiculously low. We have been told in those meeting that the helicopters are supposed to takeoff and land coming in over the parks and not over the homes. I feel like this is not excusable I just wanted to let you know so that it could at least be logged.

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Comments (SDF/LOU)

July 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Knob Creek Rd	40165	2017-07-31 14:00:00	2017-07-31 14:00:00	SDF	Noise At Wrong Time	SW	Investigated	Standard	None	I recently moved to Shepherdsville, Kentucky and have been appalled by the lack of community respect and consideration in regards to fly overs in the middle of the night. At times beginning as early as 1:38 a.m. I spoke to a local FAA representative (Didn't get his name), he laughed saying that he felt it was such a glorious sight to watch the planes lined up one right after another and take off. He said that if I got a tail number, he might be able to research the planes, Really?!! Sure, I'll go outside at 2:00 a.m. and try to see the tail number, and company, because I'm sure there's no record at the airports on the comings/goings of any airlines. Why can't planes wait until 5:00-6:00 a.m. before taking off? My assumption is that greed may be playing a huge role in this, because it certainly isn't for the concern of the local citizens. It's not just one plane that flies over, but a barrage of planes one right after another. We shouldn't have to close windows, turn on fans, and at times, apply the earphones just to muffle the noise.
							Received	LRAA	14	

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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

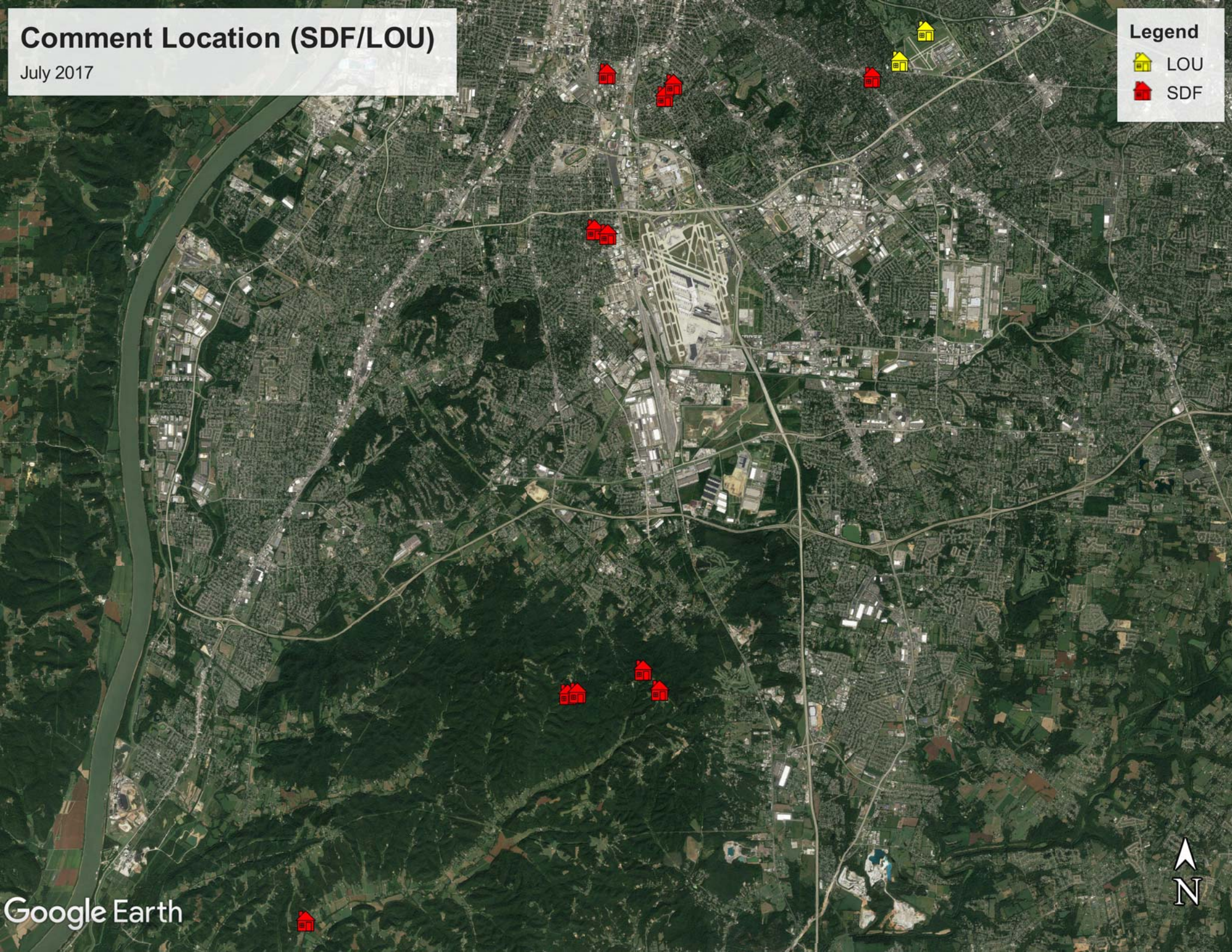
2. This column is used to indicate the conditions which most likely necessitated a deviation from the standard procedures.

Comment Location (SDF/LOU)

July 2017

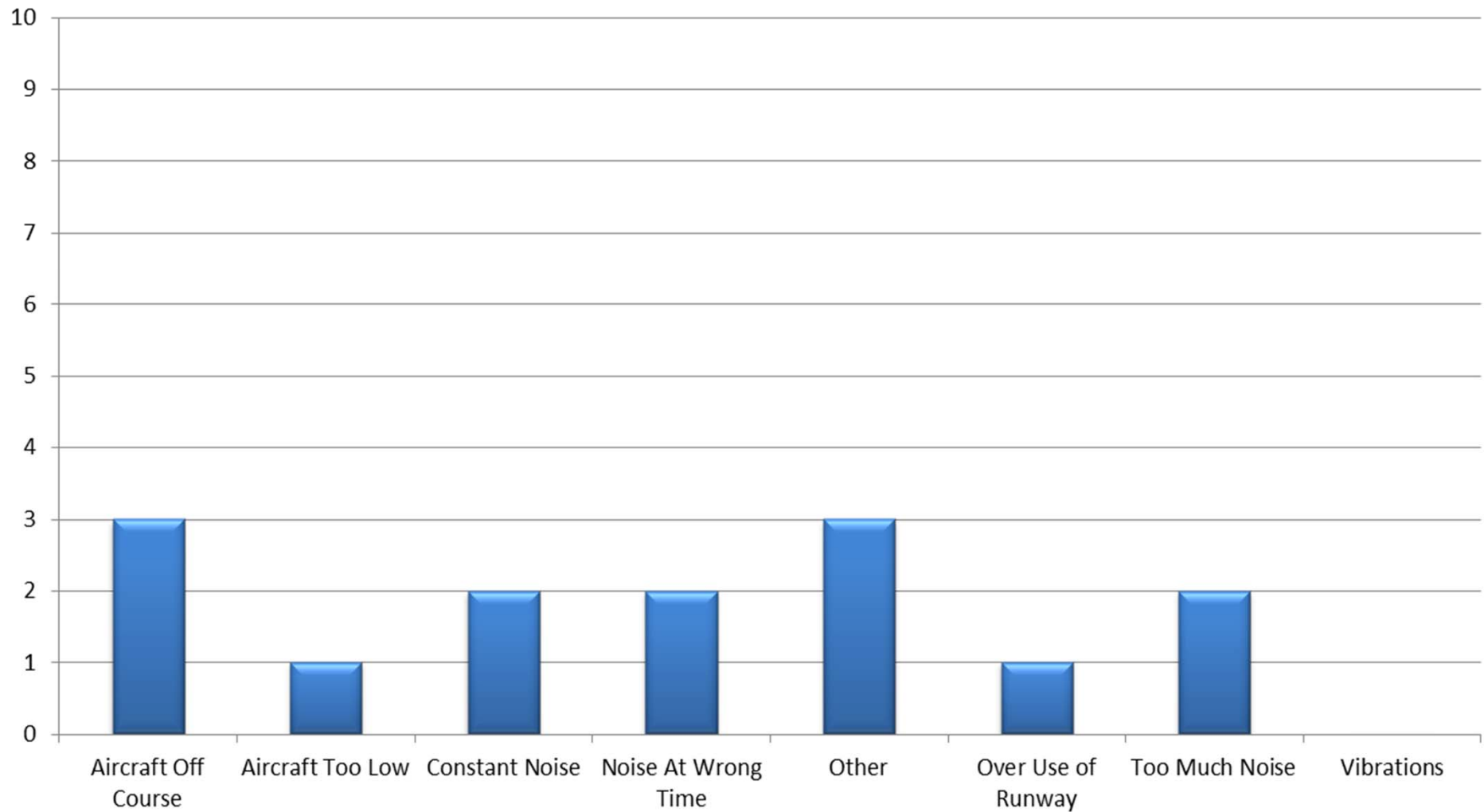
Legend

-  LOU
-  SDF



Comment Type* (SDF and LOU)

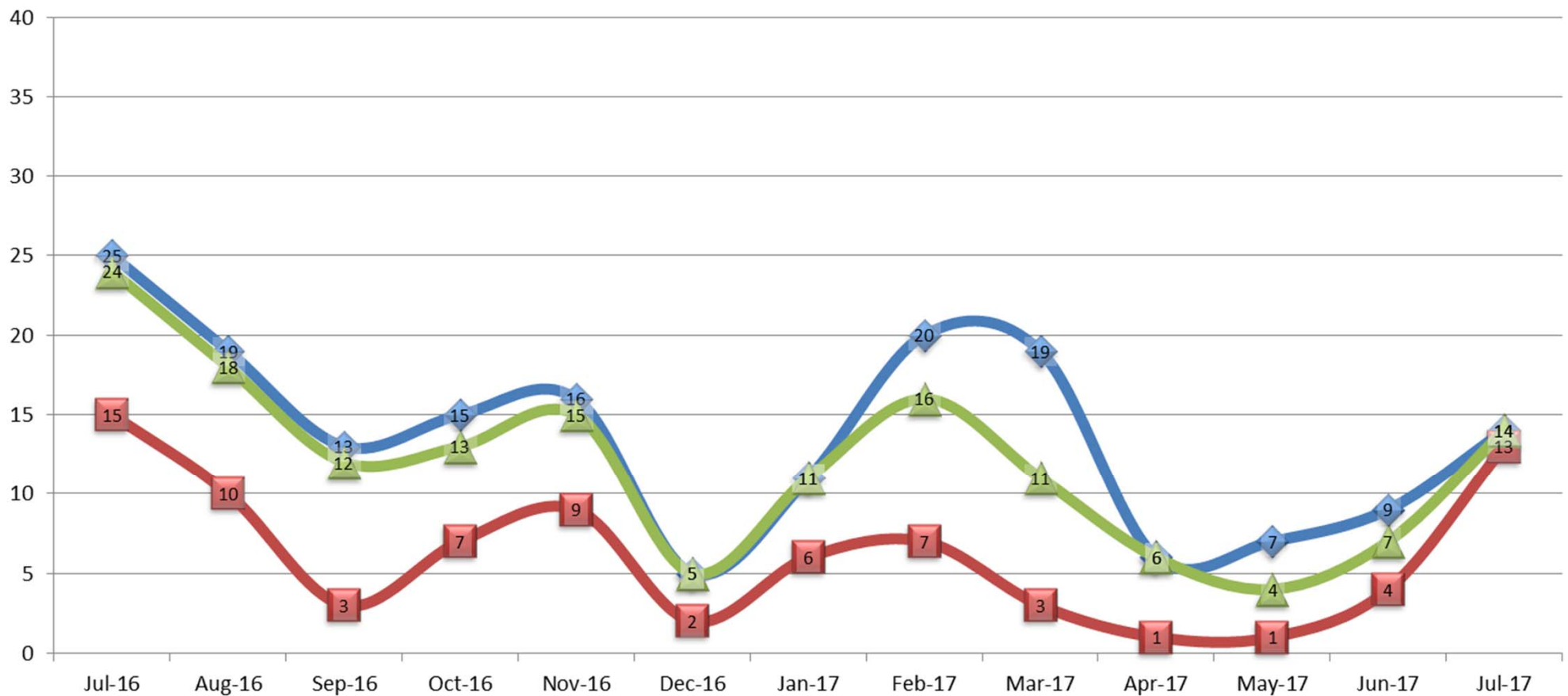
July 2017



New Address/Comments per Month (SDF and LOU)

July 2017

◆ Total Comments ■ New Callers ▲ Individual Callers



NOISE COMMENT REPORT



August 2017

Comments (SDF/LOU)

August 2017

Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Administration DR	40209	2017-08-08 09:30:00	2017-08-08 09:30:00	SDF	Noise At Wrong Time	UNK	Investigated	Non-Standard	None	You all are flying the planes back over here where you are not supposed to be. You might want to cool it or you are going to have another law suit slapped on you.
Cannons Ln	40207	2017-08-09 11:27:00	2017-08-09 11:00:00	LOU	Too Much Noise	NE	Investigated	Standard	None	I live over by Bowman Field and a plane has been circling over and over for a while now and it is very annoying.
Meridale Ave	40214	2017-08-13 01:00:00	2017-08-13 01:00:00	SDF	Other	SW	Investigated	Standard	None	We experience high noise levels from the aircraft. Are there any programs that would help us with the noise such as the cost of insulation, windows, doors, etc.?
Park Brook Ln	40213	2017-08-24 12:04:00	2017-08-24 12:04:00	SDF	Other	SE	Investigated	Standard	None	I am calling in regards to the area that was known as the old Edgewood area. I live right across the ditch and you cut all the trees this past week and now that all the trees are gone you can see the interstate and it makes the noise worse.
Archwood Ct	40219	2017-08-29 10:35:00	2017-08-29 04:15:00	SDF	Too Much Noise	SE	Investigated	Standard	None	The planes started at 4:15 a.m. this morning and did not stop until 6:00 a.m. I am sick of this problem and not being able to sleep. This happens every night Monday through Friday. We cannot sleep with our windows open. You need to look at getting a new route. I have had to deal with aircraft noise my whole life. I grew up in Edgewood. You all took all of that and now you don't even fly over there.
W Ormsby Ave	40203	2017-08-29 13:11:00	2017-08-29 13:11:00	SDF	Too Much Noise	NW	Investigated	Non-Standard	Ops	What is the proper channel for making a noise complaint on airplane paths? We just moved to Louisville recently and it seems like we are hearing more airplanes.

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.

Comments (SDF/LOU)

August 2017

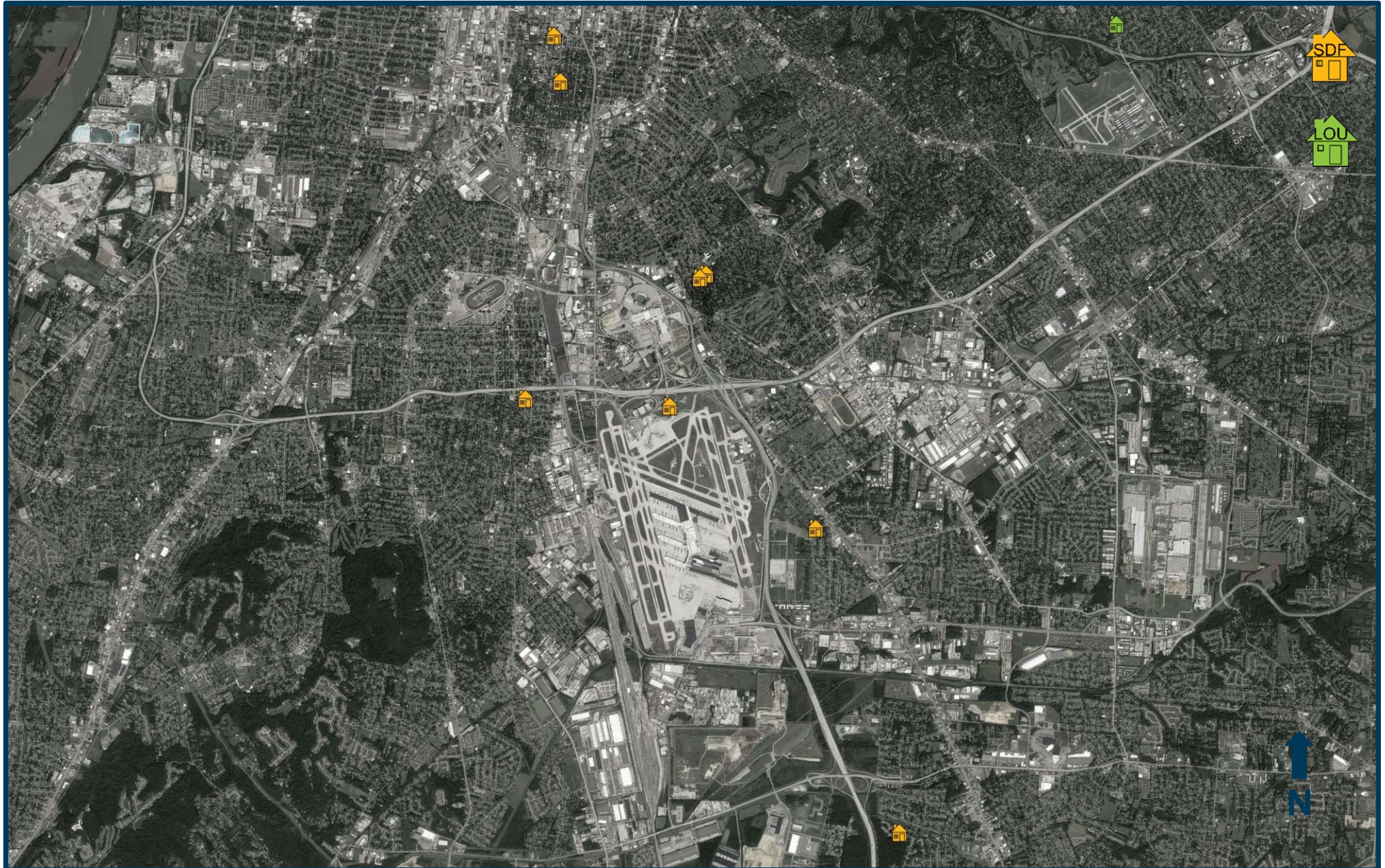
Street	Zip Code	Time Received	Time	Airport	Disturbance Type	CNF Quad	Status	Operation or Comment Type ¹	Deviation Type ²	Comments
Rosemary Dr	40213	2017-08-30 11:00:00	2017-08-30 11:00:00	SDF	Other	NE	Investigated	Standard	None	I was wondering if you could help me with some questions regarding the air flight patterns over Audubon Park. Some homes that are in the flight pattern are not selling and people wanted to know that information. Could you check the noise levels at this address for me?
Rosemary Dr	40213	2017-08-30 11:00:00	2017-08-30 11:00:00	SDF	Other	NE	Investigated	Standard	None	I was wondering if you could help me with some questions regarding the air flight patterns over Audubon Park. Some homes that are in the flight pattern are not selling and people wanted to know that information. Could you check the noise levels at this address for me?
S 3rd St	40203	2017-08-30 21:38:00	2017-08-30 21:38:00	SDF	Other	NW	Investigated	Standard	None	Every time an airplane flies over my house not only is it too loud but I lose my signal on my digital antenna. I live by the intersection of 3rd and Kentucky.
							Received	LRAA	9	

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.

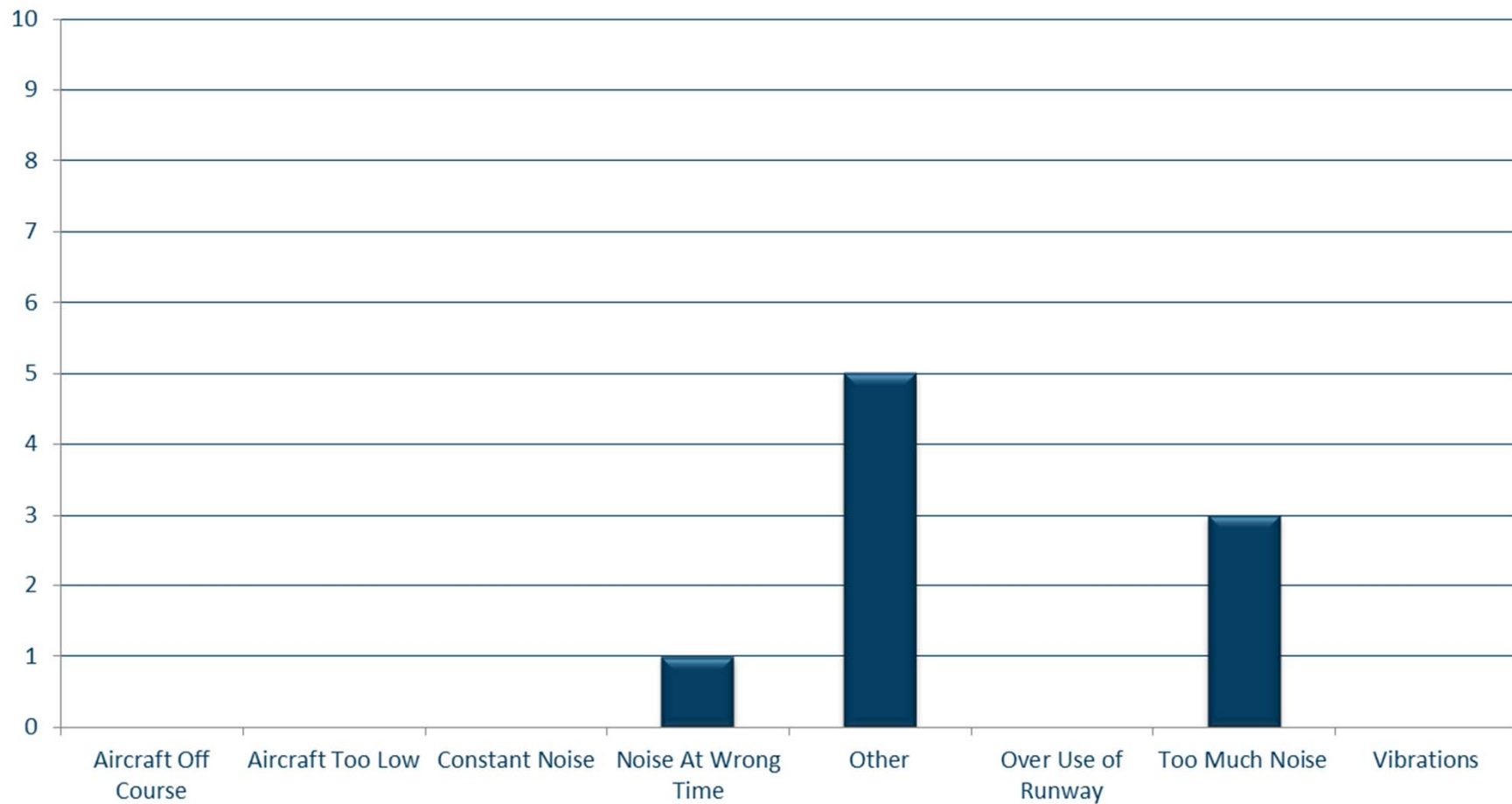
Comment Location (SDF/LOU)

August 2017



Comment Type (SDF and LOU)

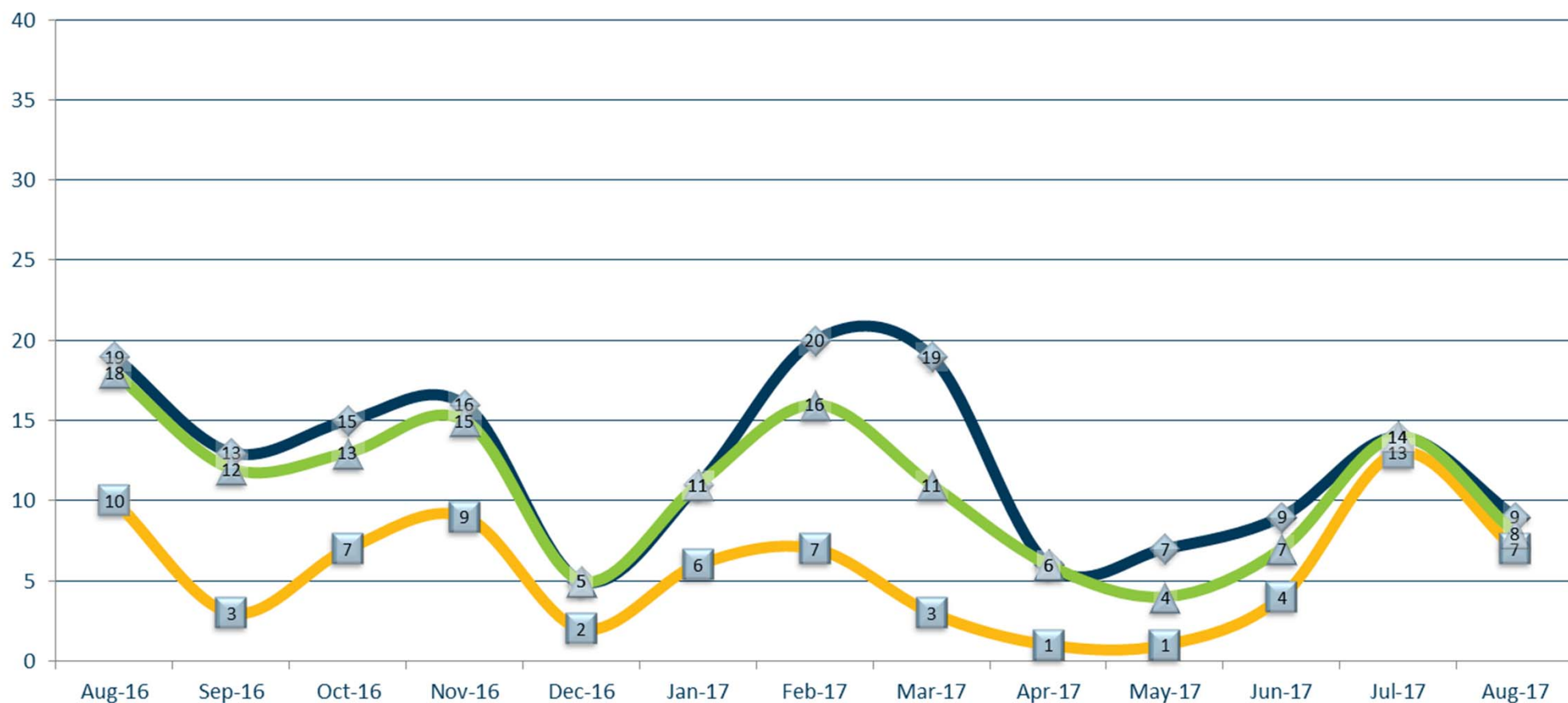
August 2017



New Address/Comments per Month (SDF and LOU)

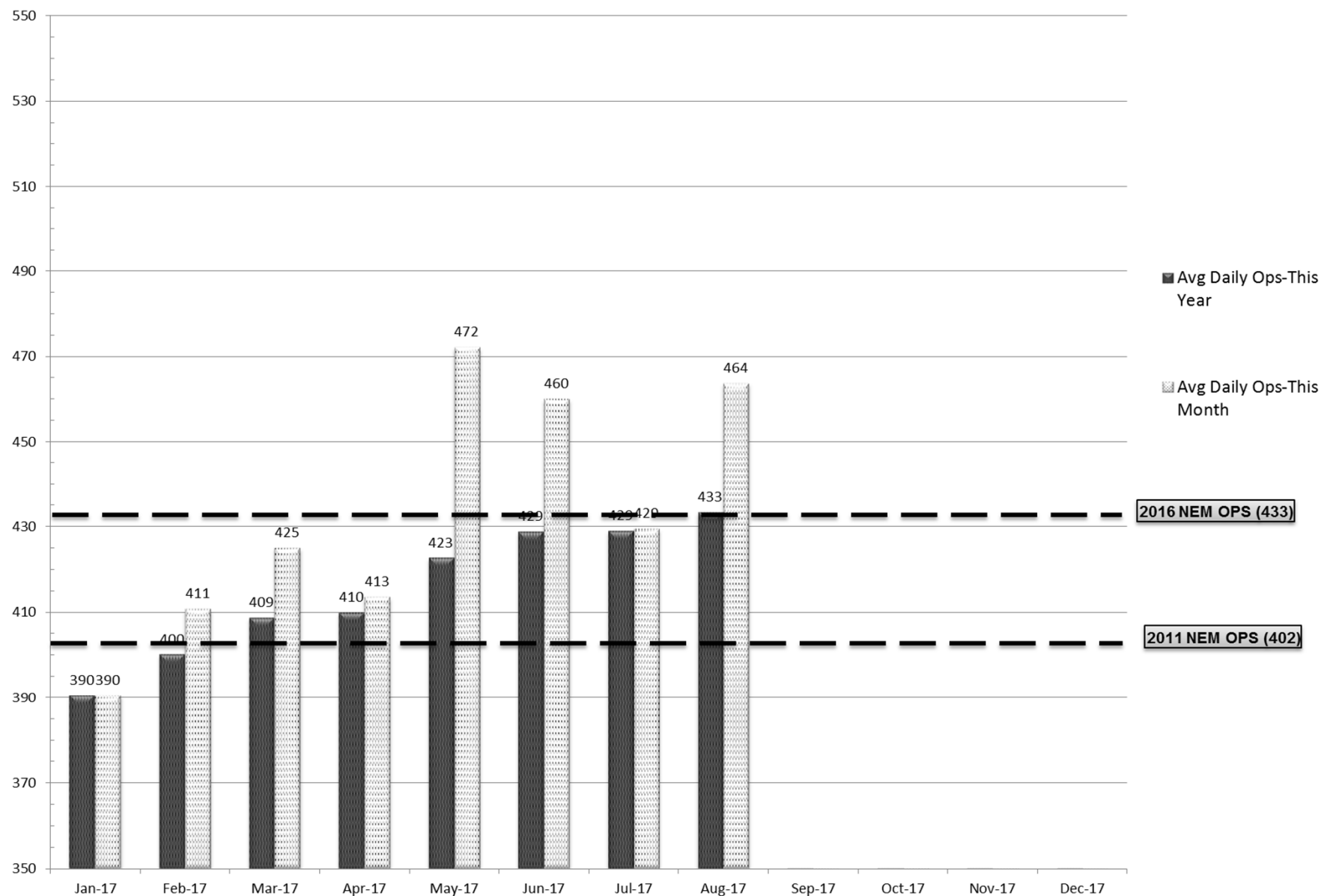
August 2017

◆ Total Comments ■ New Callers ▲ Individual Callers



Operations (SDF)

As of August 31, 2017



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

Daily Runway Use Uncorrected (SDF) July 2017

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

XXX Complaint

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

Daily Runway Use (SDF)

Tower Comments July 2017

Day	Date	Time	Comment
Sat	1-Jul-17		
Sun	2-Jul-17		
Mon	3-Jul-17	0930-1000	Delayed going north, no reason documented.
Tue	4-Jul-17		
Wed	5-Jul-17		
Thu	6-Jul-17	0930-1030	Wet runways, south wind
Fri	7-Jul-17		
Sat	8-Jul-17	1230-1400	Wind 3311
Sat	8-Jul-17	2100-2130	Wind 3212
Sun	9-Jul-17	0830-1930	Log indicates south operation
Mon	10-Jul-17	0930-1130	Wind north @ 0950, 20 min delay due to traffic
Tue	11-Jul-17		
Wed	12-Jul-17		
Thu	13-Jul-17	0930-1130	Valid reason not documented
Fri	14-Jul-17		
Sat	15-Jul-17	0730-0800	Wind 0109, then 0308, went south @0824
Sun	16-Jul-17		
Mon	17-Jul-17		
Tue	18-Jul-17	0930-1230	Wet runways, south wind
Wed	19-Jul-17	1700-2130	Went north at 1709, wind 0109
Thu	20-Jul-17		
Fri	21-Jul-17		
Sat	22-Jul-17		
Sun	23-Jul-17		
Mon	24-Jul-17		
Tue	25-Jul-17	0930-1230	Airport construction
Wed	26-Jul-17	0930-1230	Mult TWY closures and construction
Thu	27-Jul-17	0930-1230	Wet runways, wind 2507
Fri	28-Jul-17		
Sat	29-Jul-17		
Sun	30-Jul-17	0000-0600	Valid reason not documented
Mon	31-Jul-17		

Daily Runway Use Uncorrected (SDF) August 2017

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

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

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

XXX Complaint

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

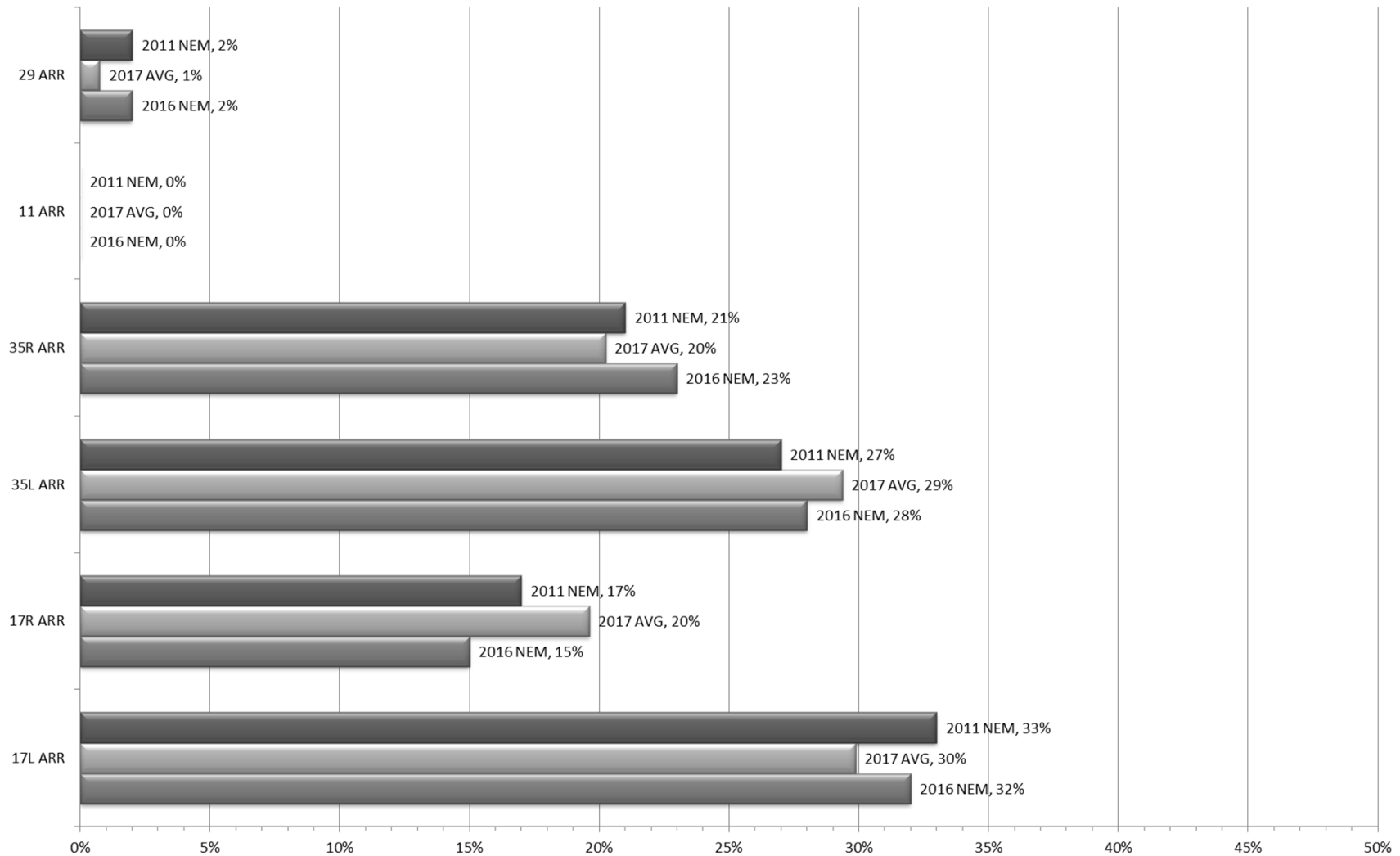
Daily Runway Use (SDF)

Tower Comments August 2017

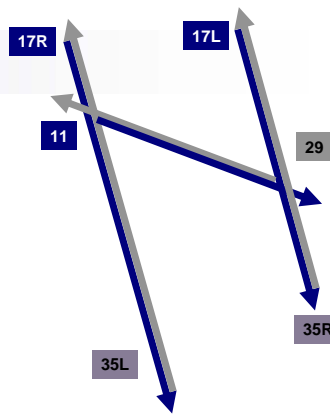
Day	Date	Time	Comment
tue	1-Aug-17		
wed	2-Aug-17	1930-2130	Wind 3607 Wet runways
thu	3-Aug-17	0930-1230	Wind 1908
thu	3-Aug-17	2200-0000	Wind 1708
fri	4-Aug-17	0000-0230	South wind 10 kts
fri	4-Aug-17	0930-1000	Wind 2110, weather in area
sat	5-Aug-17		
sun	6-Aug-17		
mon	7-Aug-17	1300-1330	Wind 0109
mon	7-Aug-17	2030-2130	Wind 0211
tue	8-Aug-17	0600-0700	Northerly winds varying at around 10 kt
tue	8-Aug-17	0830-0900	Northerly winds varying at around 10 kt
tue	8-Aug-17	1300-1330	Northerly winds varying at around 10 kt
tue	8-Aug-17	1930-2130	Northerly winds varying at around 10 kt
wed	9-Aug-17		
thu	10-Aug-17	1300-2130	Wind 3508
fri	11-Aug-17		
sat	12-Aug-17	2130-0000	Wind 3510
sun	13-Aug-17		
mon	14-Aug-17		
tue	15-Aug-17	0930-1230	Airport construction and closures
wed	16-Aug-17	0930-1130	Wind 1505, wet rwy & weather
thu	17-Aug-17		
fri	18-Aug-17		
sat	19-Aug-17		
sun	20-Aug-17		
mon	21-Aug-17	0930-1230	Heavy traffic due to eclipse
mon	21-Aug-17	2200-0000	Wind 1809
tue	22-Aug-17	0000-0230	Wind 1910
tue	22-Aug-17	2000-2130	Wind 0209 wet runways
wed	23-Aug-17	1600-2130	Wind 3609
thu	24-Aug-17		
fri	25-Aug-17		
sat	26-Aug-17		
sun	27-Aug-17		
mon	28-Aug-17	1130-1230	Wind 1710 wet runways
tue	29-Aug-17	0930-1000	Wind 2106, weather south of field.
wed	30-Aug-17	1300-1430	Airport construction and closures
thu	31-Aug-17	1630-1730	Wind 0110

Runway Use (SDF Arrivals)

NEM vs. Actual
January 1 - August 31, 2017

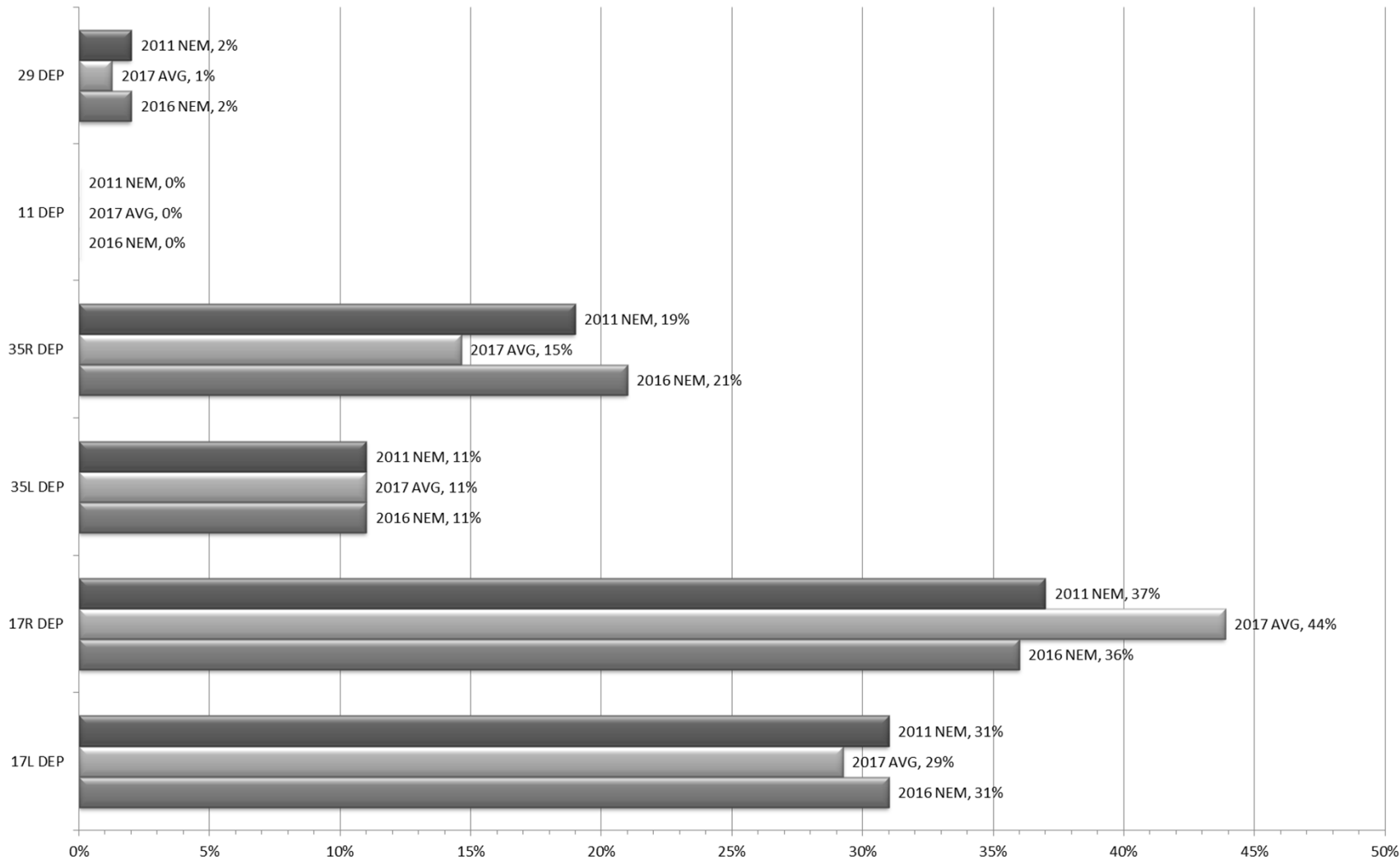


Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

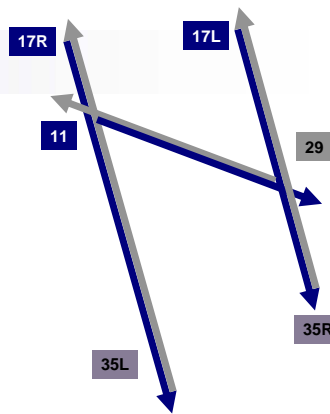


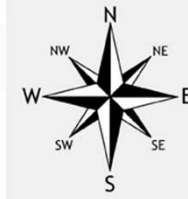
Runway Use (SDF Departures)

NEM vs. Actual
January 1 - August 31, 2017



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



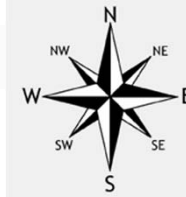


Runway Use 0930L-1230L_(SDF)

As of August 31, 2017

	Arrival Percentage by Runway								Departure Percentage by Runway							
	11	17L	17R	29	35L	35R	% From South	Arrival Count	11	17L	17R	29	35L	35R	% To North	Departure Count
Sep-15	0	7	24	0	36	33	69	796	0	11	20	0	13	56	69	407
Oct-15	0	19	31	0	26	24	50	784	0	20	25	0	2	53	55	411
Nov-15	0	20	25	11	22	22	44	676	0	15	26	12	5	42	47	380
Dec-15	0	26	19	0	37	18	55	1082	0	24	25	0	5	46	51	449
Jan-16	0	26	22	2	30	20	50	650	0	26	22	3	11	38	49	312
Feb-16	0	17	12	0	49	22	71	738	1	13	14	2	19	51	70	314
Mar-16	0	33	37	0	21	9	30	796	0	31	29	4	9	27	36	396
Apr-16	0	27	17	8	31	17	48	712	1	30	17	6	15	31	46	356
May-16	0	17	25	0	37	21	58	821	0	21	19	4	25	31	56	394
Jun-16	0	9	12	0	49	30	79	816	0	14	9	4	24	49	73	392
Jul-16	0	17	30	1	32	20	52	723	0	17	27	2	14	40	54	394
Aug-16	0	14	46	0	21	19	40	845	0	18	35	1	13	33	46	404
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
Monthly Avg.	0	20	26	1	32	22	53		0	20	23	2	10	44	54	

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



Gate Compliance by Runway

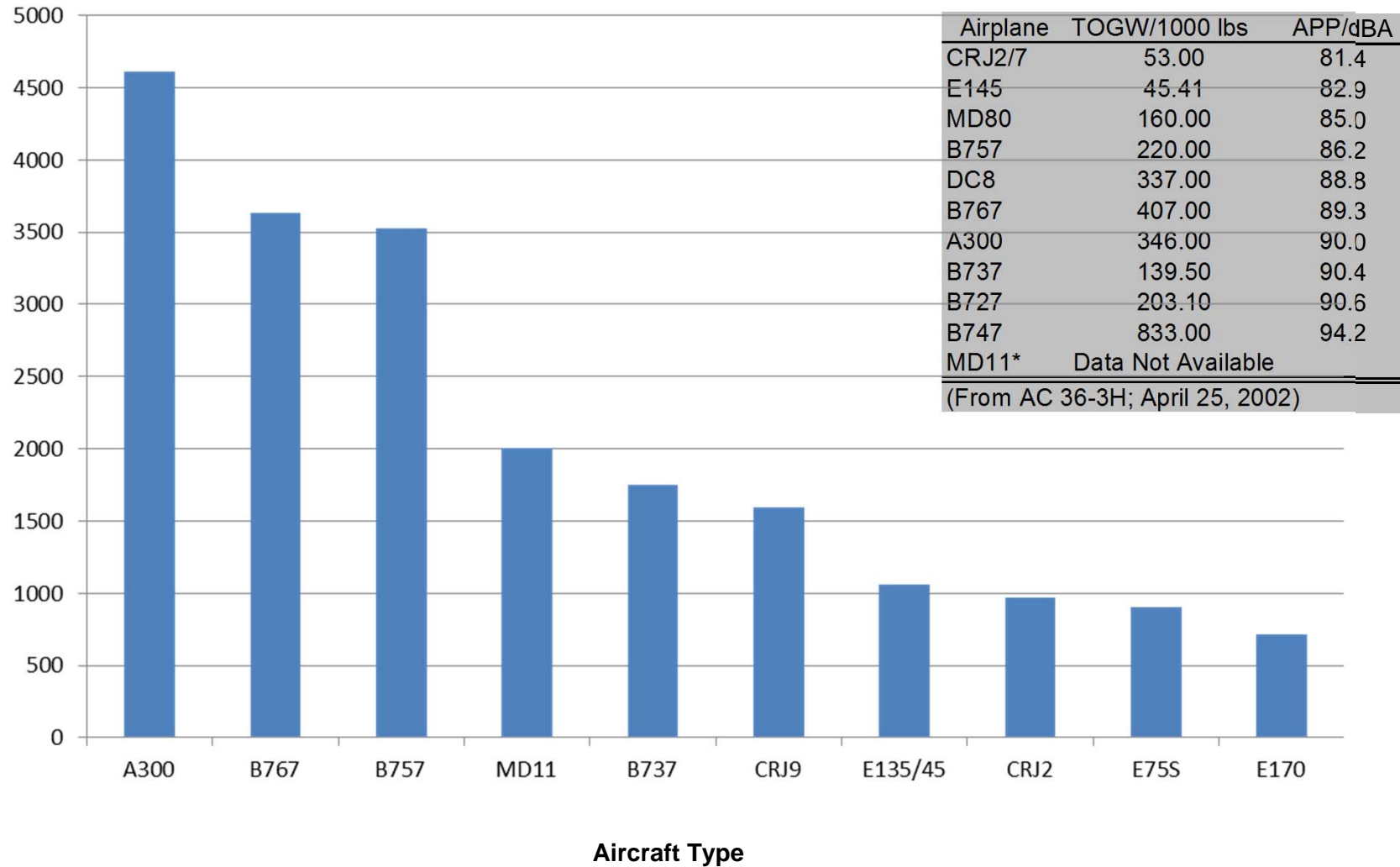
As of August 31, 2017

	ARRIVALS Percent Compliant					Departure Percent Compliant				
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Jul-15	86%	96%	88%	85%	89%	73%	86%	71%	87%	79%
Aug-15	81%	90%	82%	82%	84%	77%	88%	78%	88%	83%
Sep-15	79%	86%	84%	83%	83%	78%	88%	77%	91%	84%
Oct-15	82%	90%	88%	85%	86%	71%	88%	66%	86%	78%
Nov-16	82%	93%	87%	86%	87%	80%	88%	75%	87%	83%
Dec-16	89%	97%	93%	94%	93%	75%	90%	83%	90%	85%
Jan-16	83%	94%	89%	88%	89%	74%	90%	63%	83%	78%
Feb-16	80%	94%	91%	91%	89%	85%	89%	75%	83%	83%
Mar-16	85%	95%	89%	88%	89%	70%	87%	73%	85%	79%
Apr-16	80%	90%	86%	87%	86%	83%	83%	69%	82%	79%
May-16	82%	93%	86%	87%	87%	82%	87%	65%	88%	81%
Jun-16	77%	91%	85%	85%	85%	87%	88%	75%	85%	84%
Jul-16	84%	92%	88%	91%	89%	82%	88%	61%	88%	80%
Aug-16	85%	94%	87%	88%	89%	85%	88%	72%	89%	84%
Sep-16	80%	91%	89%	89%	87%	84%	90%	61%	88%	81%
Oct-16	82%	92%	86%	86%	87%	82%	90%	74%	90%	84%
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%
24 Month Avg.					88%					81%

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

Operations by Aircraft Type (SDF) Only Top 10 Aircraft Types Shown

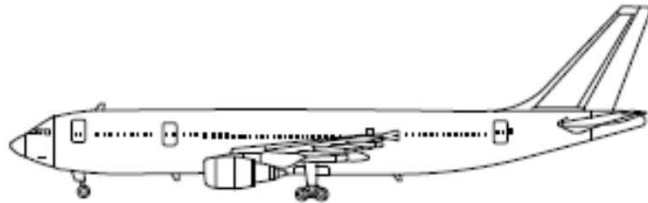
July / August 2017



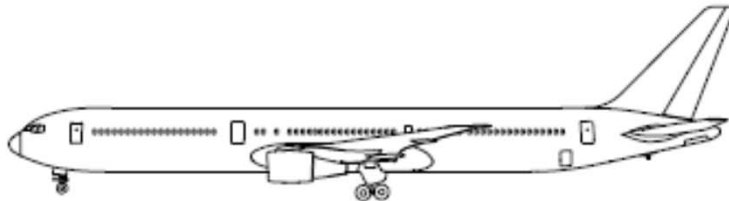
Source: Louisville International Airport

Aircraft Flight Tracking and Noise Management System (AFTNMS)

Sample Aircraft Types (SDF)



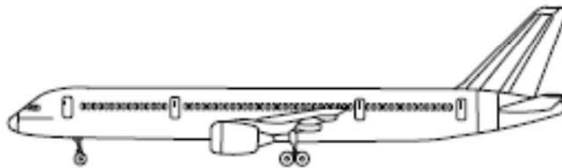
A300



B767



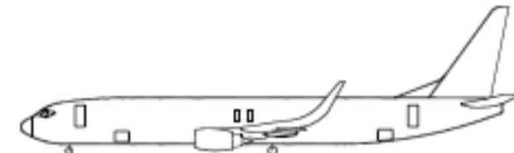
E135/45



B757



MD11



B737



CRJ2



E170



MD80



CRJ9