

Community Noise Forum
Monday, January 25, 2021
Agenda

- I. Call to order: 6:00 PM
- II. Minutes: November 23, 2020
- III. Airspace Project Update
- IV. Part 150 NCP
 - A. Noise Insulation Program
 - B. Contraflow Exceptions
- V. Current Noise Concerns
 - A. Noise Concerns/Complaints
 - B. Runway Utilization
 - C. Construction and Maintenance Activity
- VI. Guest Comments
- VII. Announcements
- VIII.. Next Meeting: March 22, 2021
- IX. Adjournment

COMMUNITY NOISE FORUM (CNF)

Monday, November 23, 2020

Members

John Sistarenik, ANA
Mary Rose Evans, LRAA Board
Bob Slattery, LRAA
Crystal Henderson, NW Interim

Brian Sinnwell, LRAA
Jonathan Bonds, UPS
Greg Petto, FAA

Guests

Andrew Scott, Beechmont
Craig Henderson, Old Louisville

- I. **Call to order:** The meeting was called to order at 6:06 p.m. by John Sistarenik.
- II. **Minutes:** The July meeting notes were reviewed with no changes and approved. The September meeting notes were reviewed and approved with no changes.
- III. **Airspace Project Update:** Jonathan Bond updated the group on the current status of the airspace project. UPS has had meeting with the FAA and TRACON locally. The designs are being refined. UPS will be going back into the simulators in order to test the latest updates in January. Everything seems to be progressing and their does not appear to be any obstacles currently. Currently, we are still looking at about 24 months at a minimum for full implementation.
- IV. **Part 150 NCP:**
 - A. **Noise Insulation Program: Residential** – This project is to sound insulate residences within the DNL 65 contour according to the 2021 Noise Exposure Map. A contract was awarded to Lappe Cement Finishing, Inc. of Friedham, MO for the sound insulation of 32 families at the October Board meeting. Designs have been finalized for the second group of 40 families. That project advertised yesterday and we plan to award a contract at the January Board meeting. Designs are currently in progress for 30 additional families and that project is tentatively scheduled to advertise in April of next year. Pre acoustical testing has been completed for 163 families. Currently 86% of the families tested to date have an interior noise level of 45 dB or greater.
University of Louisville – Construction is complete for first group of 3 building on the University of Louisville Campus (Life Science, Paul B. Lutz Hall and Overseers Honors House). A project for the second group of 3 buildings (Ernst Hall Interfaith Center, and Baptist Student Union) was awarded at the July Board meeting. A pre-construction meeting was held on September 3rd. Physical construction is underway and expected to be completed in April 2021.

B. Contraflow Exceptions: Contraflow for September was 83% for arrivals from the south and 85% for departures to the south. In October arrivals from the south were 71% and departures to the south were 72%. Daily summary's for each month is contained in the handout. Year to date arrivals from the south are 72% and departures to the south are 77%. A monthly summary going back 8 years is included in the handout. John Sistarenik asked about the status of reverse flow on Sunday mornings that was discussed at the last meeting. Bob Slattery replied that the Runway Use Agreement between the Air Traffic Control Tower and Airport Authority has been updated to incorporate the changes discussed. The update was prompted by an ATC request to extend the time period for Daytime North Flow from the current 0930-1230 to the proposed 0900-1400 due to UPS west coast inbound arrivals extending past the current timeframe. This extension was discussed with the Community Noise Forum at the last meeting and they agreed with the extension of the time period. Mary Rose passed along her observation that this afternoon between 1:30 p.m. and 2:00 p.m. there were a lot of departures and asked that we take a closer look at the number of arrivals and departures during that timeframe.

V. Current Noise Concerns:

A. Report on Noise Concerns/Complaints: A total of 10 comments were received in September. In October a total of 8 comments were received. Comments and locations are contained in the handout. 2 of the 8 comments received in October were from Shelby County. Possibly due to heavy overcast conditions. Bob Slattery reported that earlier this month he received a copy of a reply to a noise complaint that was sent by the FAA. Last week, he had a brief discussion with the Regional Noise Ombudsman about the best to coordinate on complaint responses going forward. It appears that the best way to coordinate with the FAA on complaint responses is to become a partnering airport. A meeting is scheduled for next week with the FAA to discuss partnering.

B. Runway Utilization: Runway utilization percentages for September and October 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 airport has completed a very busy year in construction. Projects included a major taxiway "G" reconstruction and more pavement rehabilitation work than was completed in the past 3 or 4 years. All of the work is complete except for some small clean-up items that will be completed in the next 2 or 3 days. Following that, construction on the airfield is complete until sometime after the first of the year. Work on the Master Plan continues. We are currently taking some time to look at the proposed projects based on changing financials and feasibility based on the new normal. We are currently looking at submitting the final plan to the FAA sometime in the March timeframe.

VI. Guest Comments: None.

VII. Announcements: Mary Rose announced that she has spoken with Crystal and Craig Henderson regarding serving as the North West representative on the Community Noise Forum and expects one of them to be appointed by the Airport Neighbors Alliance (ANA) on Saturday.

VIII. Next Meeting: January 25, 2021

IX. Adjournment: A motion was made to adjourn the meeting at 6:35 p.m.

DRAFT

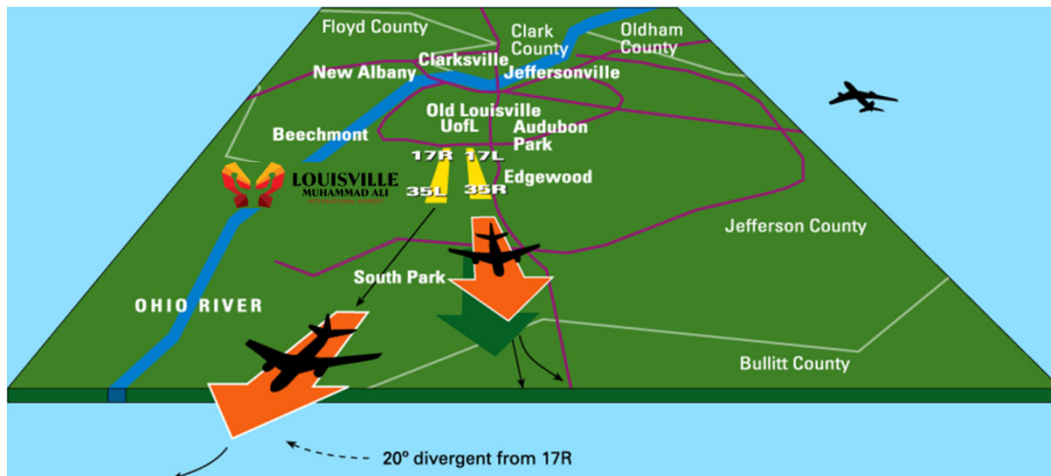
CONTRAFLOW

Between the hours of 10:00 p.m. and 7:00 a.m., the Airport operates from the south and to the south (contraflow) whenever wind, weather, and demand allow. Contraflow procedures require aircraft to arrive on Runways 35R and 35L and depart on Runways 17R and 17L in order to direct aircraft operations south of the Airport over areas which are less densely populated than areas north of the Airport.

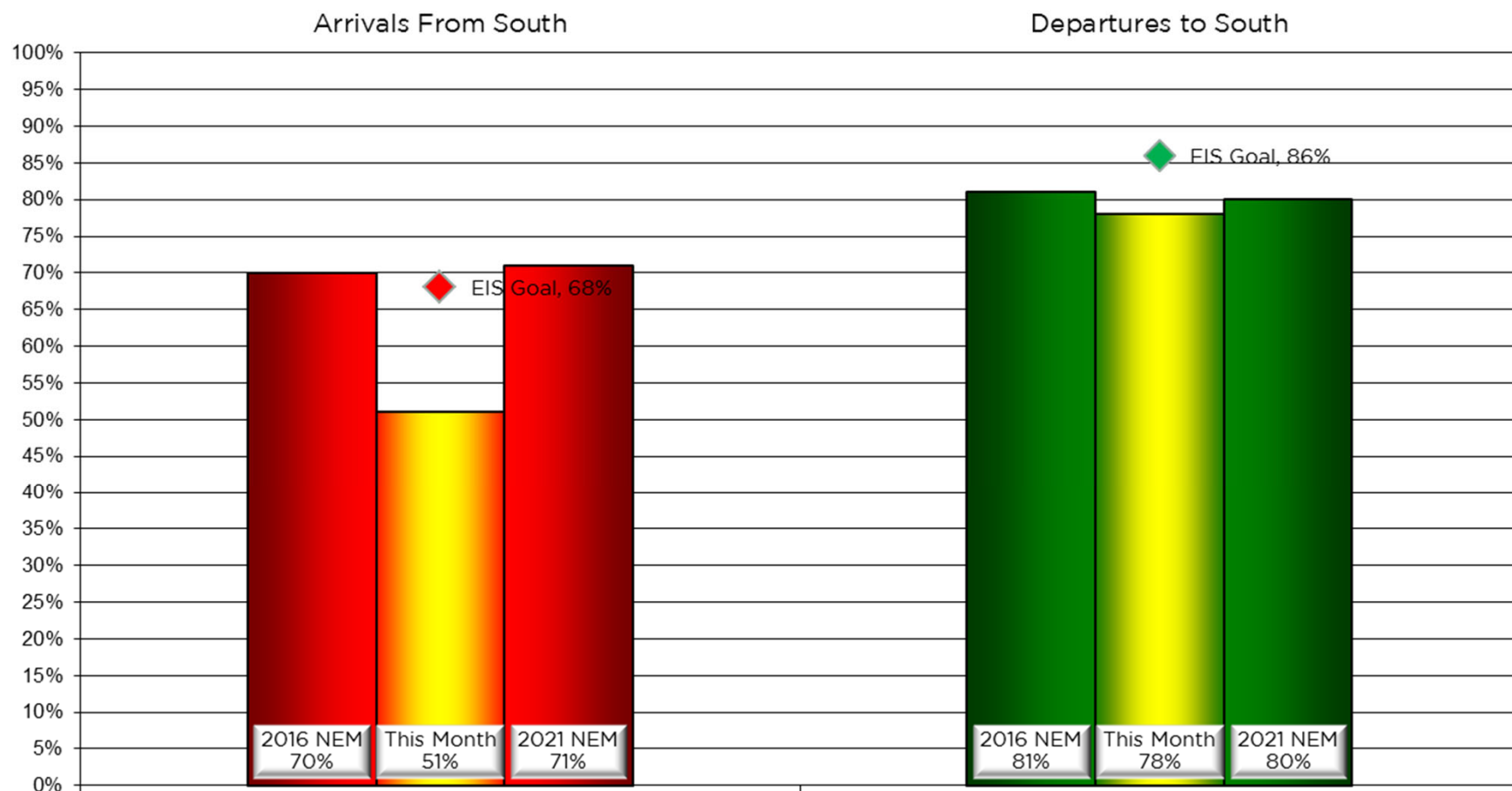
Inbound



Outbound



Monthly Contraflow November 2-30, 2020



Nightly Runway Use Summary - November 2020

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

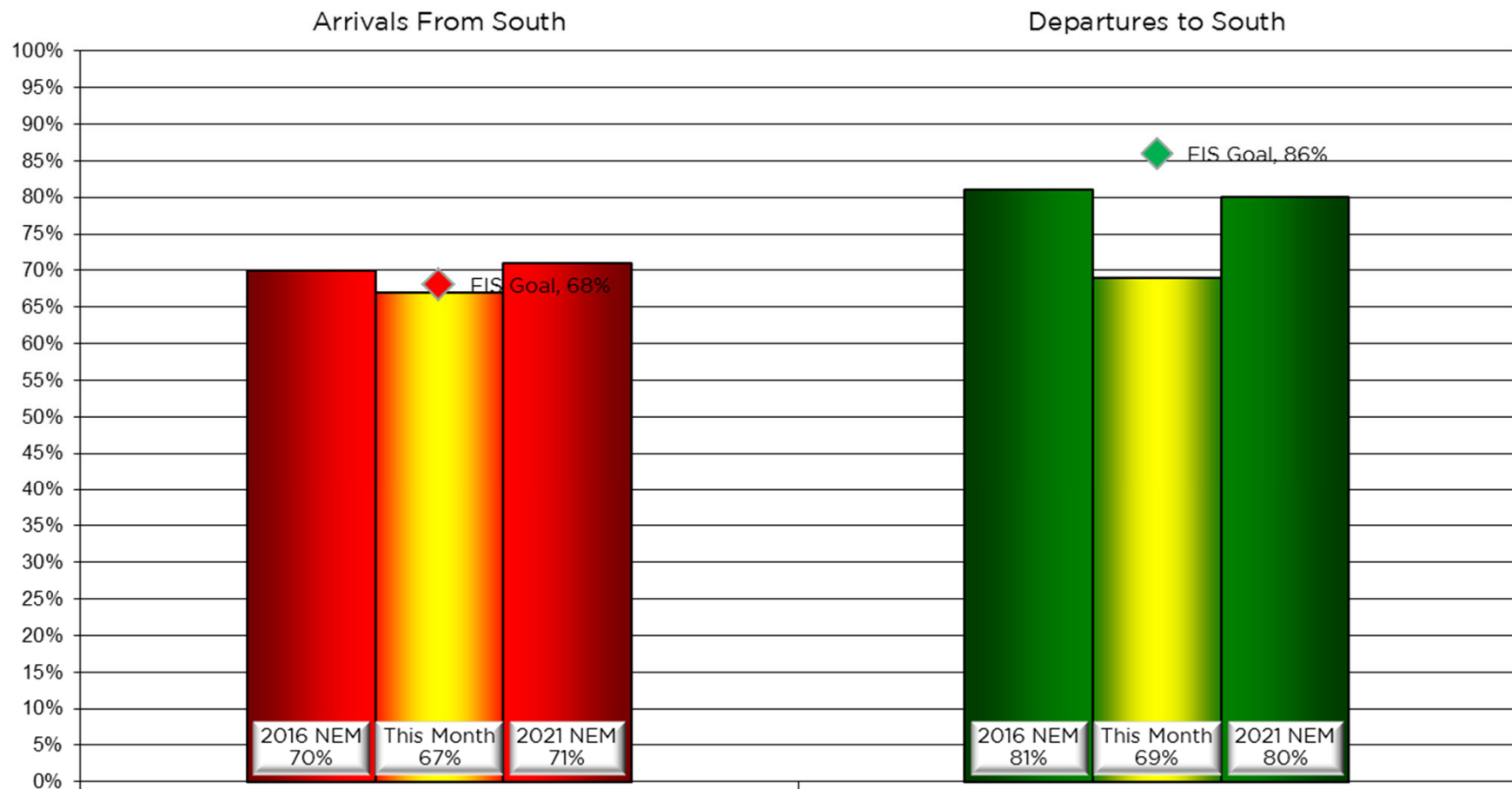
		% of all arrivals from the south										% of all departures to the south									
Date	Day	Unknown										Unknown									
		*in	Runway#						Runway	Notes /	**in	Runway#						Runway	Notes /		
		compliance	11	17L	17R	29	35L	35R	Use	Comments		compliance	11	17L	17R	29	35L	35R	Use	Comments	
11/02/20	Mon	95%			2	3		64	31	0		89%			34	55		8	3	0	
11/03/20	Tue	0%			41	59				0	130-140@4-6kts	100%			42	58				0	
11/04/20	Wed	0%			35	65				0	130-150@4-7kts	100%			38	62				0	
11/05/20	Thu	92%			3	5		58	34	0		90%			35	55		6	4	0	
11/06/20	Fri	92%			2	6		59	33	0		94%			38	56		5	1	0	
11/07/20	Sat																				
11/08/20	Sun																				
11/09/20	Mon	0%			38	62				0	140-150@3-5kts	100%			39	61				0	
11/10/20	Tue	5%			38	57		3	2	0	200-330@9-18kts,g27,ra	17%			4	13		55	28	0	240-340@7-18kts,g18,ra
11/11/20	Wed	94%			1	5		61	33	0		85%			37	48		11	4	0	ops
11/12/20	Thu	96%			1	3		58	38	0		87%			29	58		6	7	0	
11/13/20	Fri	95%			1	4		58	37	0		96%			31	65		2	2	0	
11/14/20	Sat																				
11/15/20	Sun																				
11/16/20	Mon	90%			4	6		59	31	0		1%			1			61	38	0	290-310@10-17kts, g24
11/17/20	Tue	94%			1	5		60	34	0		88%			37	51		8	4	0	
11/18/20	Wed	0%			44	56				0	130-150@5-8kts	100%			40	60				0	
11/19/20	Thu	0%			39	61				0	180-200@6-12kts,g19	100%			35	65				0	
11/20/20	Fri	18%			35	47		11	7	0	120-180@4-5kts	99%			40	59			1	0	
11/21/20	Sat																				
11/22/20	Sun																				
11/23/20	Mon	95%			1	4		59	36	0		85%			31	54		8	7	0	
11/24/20	Tue	0%			39	61				0	130-170@7-12kts	100%			38	62				0	
11/25/20	Wed	0%			39	61				0	230-250@6-14kts	100%			17	83				0	
11/26/20	Thu	0%			22	78				0	160-220@4-6kts	100%			31	69				0	
11/27/20	Fri	100%						66	34	0		0%						62	38	0	320-350@5-8kts
11/28/20	Sat																				
11/29/20	Sun																				
11/30/20	Mon	100%						61	39	0		0%						65	35	0	270-290@11-14kts,sn

Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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

Monthly Contraflow December 1-31, 2020



Nightly Runway Use Summary - December 2020

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

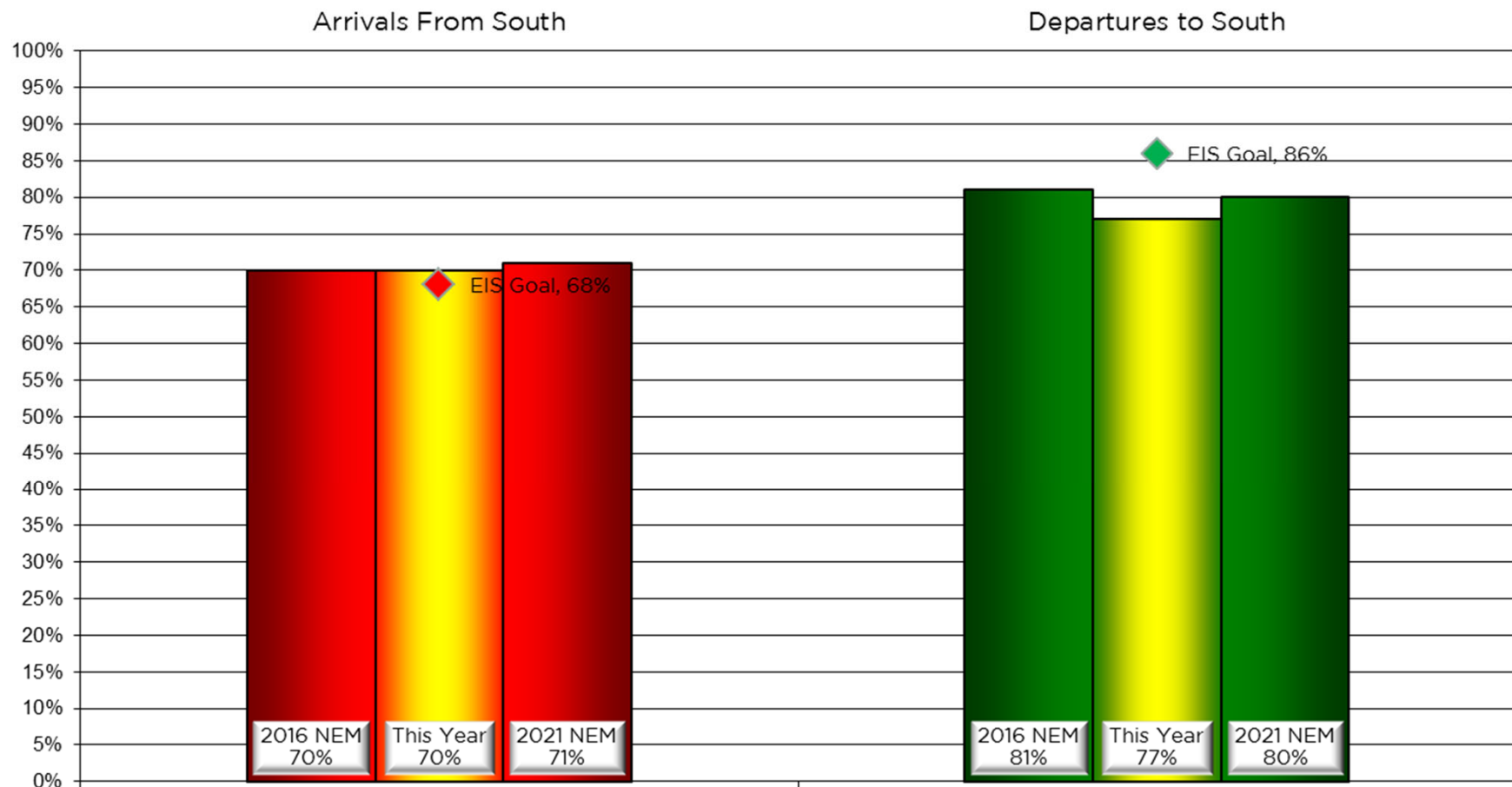
		% of all arrivals from the south										% of all departures to the south											
Date	Day	* in	Runway #							Unknown	Notes /		** in	Runway #							Unknown	Notes /	
		compliance	11	17L	17R	29	35L	35R	Use	Runway				compliance	11	17L	17R	29	35L	35R	Use		
12/01/20	Tue	97%			1	2		59	38	0			79%			32	47		15	6	0	ops	
12/02/20	Wed	94%			1	5		63	31	0			86%			31	55		10	4	0		
12/03/20	Thu	96%			1	3		59	37	0			85%			32	53		11	4	0	ops	
12/04/20	Fri	90%			3	7		57	33	0			92%			37	55		6	2	0		
12/05/20	Sat																						
12/06/20	Sun																						
12/07/20	Mon	95%			3	2		60	35	0			85%			33	52		10	5	0	ops	
12/08/20	Tue	92%			2	6		58	34	0			88%			33	55		8	4	0		
12/09/20	Wed	94%			1	5		58	36	0			84%			33	51		10	6	0	ops	
12/10/20	Thu	0%			40	60				0	130-170@6-9kts		100%			40	60				0		
12/11/20	Fri	0%			36	64				0	160-190@8-18kts,g24		100%			35	65				0		
12/12/20	Sat																						
12/13/20	Sun																						
12/14/20	Mon	94%			1	5		57	37	0			78%			29	49		17	5	0	ops	
12/15/20	Tue	14%			36	50		7	7	0	070-100@5-10kts		99%			36	63			1	0		
12/16/20	Wed	100%						64	36	0			0%						64	36	0	270-300@6-13kts	
12/17/20	Thu	88%			4	8		50	38	0			78%			29	49		16	6	0	ops	
12/18/20	Fri	90%			1	9		56	34	0			86%			29	57		10	4	0		
12/19/20	Sat																						
12/20/20	Sun																						
12/21/20	Mon	100%						66	34	0			0%						62	38	0	280-300@8-21kts,g31	
12/22/20	Tue	0%			40	60				0	100-150@4-8kts		100%			38	62				0		
12/23/20	Wed	12%			45	43		9	3	0	170-270@10-29kts,g48		25%			11	14		46	29	0	200-310@8-21kts,g29	
12/24/20	Thu	100%						67	33	0			0%						79	21	0	260-310@7-18kts,g23	
12/25/20	Fri	0%			12	88				0	170-210@4-9kts		100%			38	62				0		
12/26/20	Sat																						
12/27/20	Sun																						
12/28/20	Mon	98%			1	1		67	31	0			46%			15	31		29	25	0	010-070@6-9kts	
12/29/20	Tue	0%			33	67				0	120-150@4-9kts		100%			39	61				0		
12/30/20	Wed	100%						59	41	0			0%						66	34	0	010-060@3-7kts,ra	
12/31/20	Thu	96%			1	3		62	34	0			82%			13	69		13	5	0	ops	

Preferred Flow

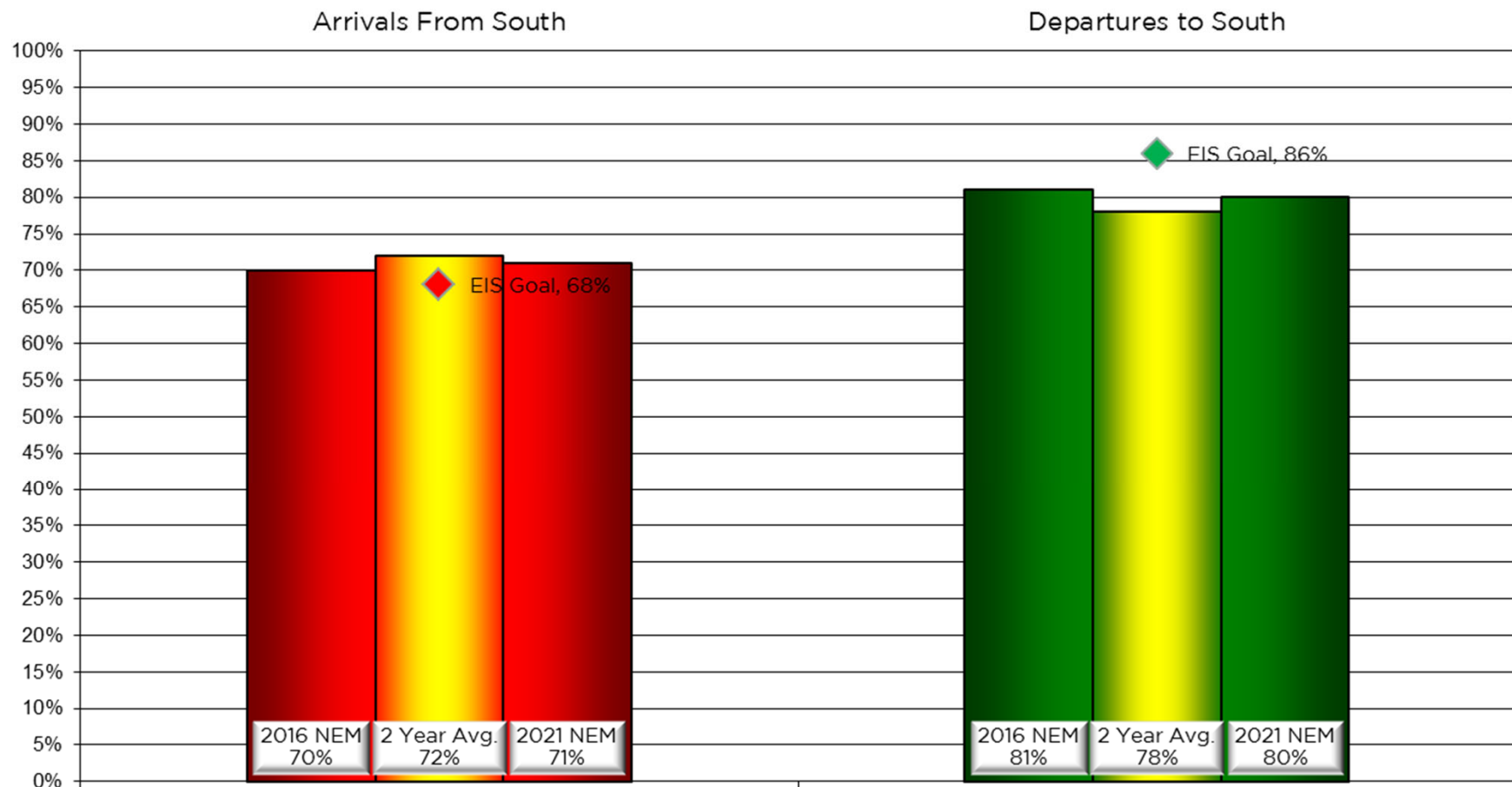
DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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

Contraflow This Year As of December 31, 2020



Contraflow 2 Year Average January 2019 - December 2020



Year-to-Year by Month Percent*

Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2013	2014	2015	2016	2017	2018	2019	2020	Avg		2013	2014	2015	2016	2017	2018	2019	2020	Avg
Jan	72%	51%	76%	69%	65%	60%	75%	56%	66%	Jan	65%	81%	76%	69%	61%	72%	69%	82%	72%
Feb	77%	72%	66%	80%	58%	67%	78%	78%	72%	Feb	78%	71%	76%	67%	77%	70%	57%	43%	67%
Mar	87%	60%	71%	63%	79%	84%	82%	65%	74%	Mar	77%	77%	66%	77%	62%	61%	89%	64%	72%
Apr	60%	67%	53%	86%	56%	73%	65%	71%	66%	Apr	89%	83%	77%	73%	80%	72%	82%	69%	78%
May	46%	60%	75%	62%	75%	43%	65%	71%	62%	May	85%	92%	80%	80%	80%	89%	90%	90%	86%
Jun	76%	75%	57%	79%	74%	74%	50%	69%	69%	Jun	80%	91%	91%	83%	93%	91%	91%	88%	89%
Jul	74%	79%	74%	59%	85%	90%	75%	72%	76%	Jul	88%	85%	80%	91%	85%	77%	87%	91%	86%
Aug	84%	61%	86%	76%	79%	72%	88%	82%	79%	Aug	92%	92%	91%	90%	90%	88%	89%	87%	90%
Sep	86%	85%	95%	88%	85%	80%	83%	83%	86%	Sep	87%	86%	73%	93%	31%	87%	77%	85%	77%
Oct	87%	75%	86%	81%	81%	77%	79%	71%	80%	Oct	89%	79%	74%	81%	82%	76%	78%	72%	79%
Nov	73%	78%	59%	74%	69%	76%	70%	51%	70%	Nov	83%	62%	88%	77%	75%	54%	72%	78%	74%
Dec	58%	78%	55%	75%	74%	72%	76%	67%	69%	Dec	71%	68%	79%	62%	74%	61%	72%	69%	70%
Avg	73%	70%	71%	74%	73%	72%	74%	70%		Avg	82%	81%	79%	79%	74%	75%	79%	77%	

NOISE COMMENT REPORT

LOUISVILLE REGIONAL AIRPORT AUTHORITY



November 2020

Comments (SDF/LOU)

November 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
E Court Ave	47130	SI (<60)	2020-11-03 12:53:00	2020-11-03 12:53:00	SDF	Other	Investigated	Non-Standard	None	I live in Jeffersonville and I am calling about a residential concern.
E Court Ave	47130	SI (<60)	2020-11-03 12:57:00	2020-11-03 12:57:00	SDF	Other	Investigated	Non-Standard	None	Could you direct me where I'd first find out where the aircraft are coming from that are flying over our homes all night, every night & how to file an official noise complaint?
Holsclaw Hill Rd	40109	SW (60-65)	2020-11-05 08:15:00	2020-11-05 04:00:00	SDF	Too Much Noise	Investigated	Standard	None	Just calling to let you know that the noise is still really bad up here at the highest place in Louisville. The air pollution has gotten really bad also.
Linwood AV	40217	NE (60-65)	2020-11-06 16:03:00	2020-11-06 16:03:00	SDF	Other	Investigated	Standard	None	The phone number on your website to get more information about the Quieter Home Program is wrong. I called it and reach a woman unconnected with the program. I am within the affected noise abatement area and want to find out when you will be dealing with my specific neighborhood.
W Lee St	40208	NW (60-65)	2020-11-10 11:18:00	2020-11-09 22:00:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I wanted to inform you that the planes last night were unbearable. I timed them coming in 45-60 seconds apart continuously throughout the night until after 3 a.m. I didn't sleep a wink. There must be something done about this. I feel like I am living on a runway and the house (brick even) shakes with some of the aftereffects. I can only imagine that environmentally we have some big issues going on here. Please do invite us to the next noise forum. I want to fully understand all options for change.

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)

November 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
S 2nd St	40208	NW (60-65)	2020-11-11 00:47:00	2020-11-11 00:47:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I have previously complained to the FAA about the noise from the airplanes that are flying into the airport. Very often they fly over all night. I will not be able to make it to the next meeting. However, I would like to file a complaint with you directly.
Longfield Ave	40215	NW (<60)	2020-11-18 18:42:00	2020-11-18 18:42:00	SDF	Vibrations	Investigated	Standard	None	<p>5 years ago I bought a house near Churchill. Shortly after I moved here, I learned through a letter there was a program to help homeowners affected by the noise and worse - vibration - that we live with and are awakened by constantly. I was not informed of the noise and vibration issues prior to buying this house. I'm a brain tumor patient and it's a little hard on my head, to be honest.</p> <p>Unfortunately the former governor took over and all that was brushed under the table and our house was passed over. There have been some pretty bad things that have happened to our house due the vibration. The pipes to our furnace, ducting and venting have vibrated to the point of falling apart from each other. I grew up in an HVAC contracting company and pipes just don't detach themselves, especially multiple pipes. We nearly died of carbon monoxide due to the attic vent falling into the house. The reason we even discovered it is the heater stopped working, thankfully. To top it off, our heat system was deemed unsafe in the end and we have not had a heat system for two years. Can you please tell me what help might be available to homeowners battling endless vibration and noise due to the airport? Sometimes it's not so loud but sometimes it's absolutely terrifying. I'm at a total loss about our heater.</p>

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Comments (SDF/LOU)

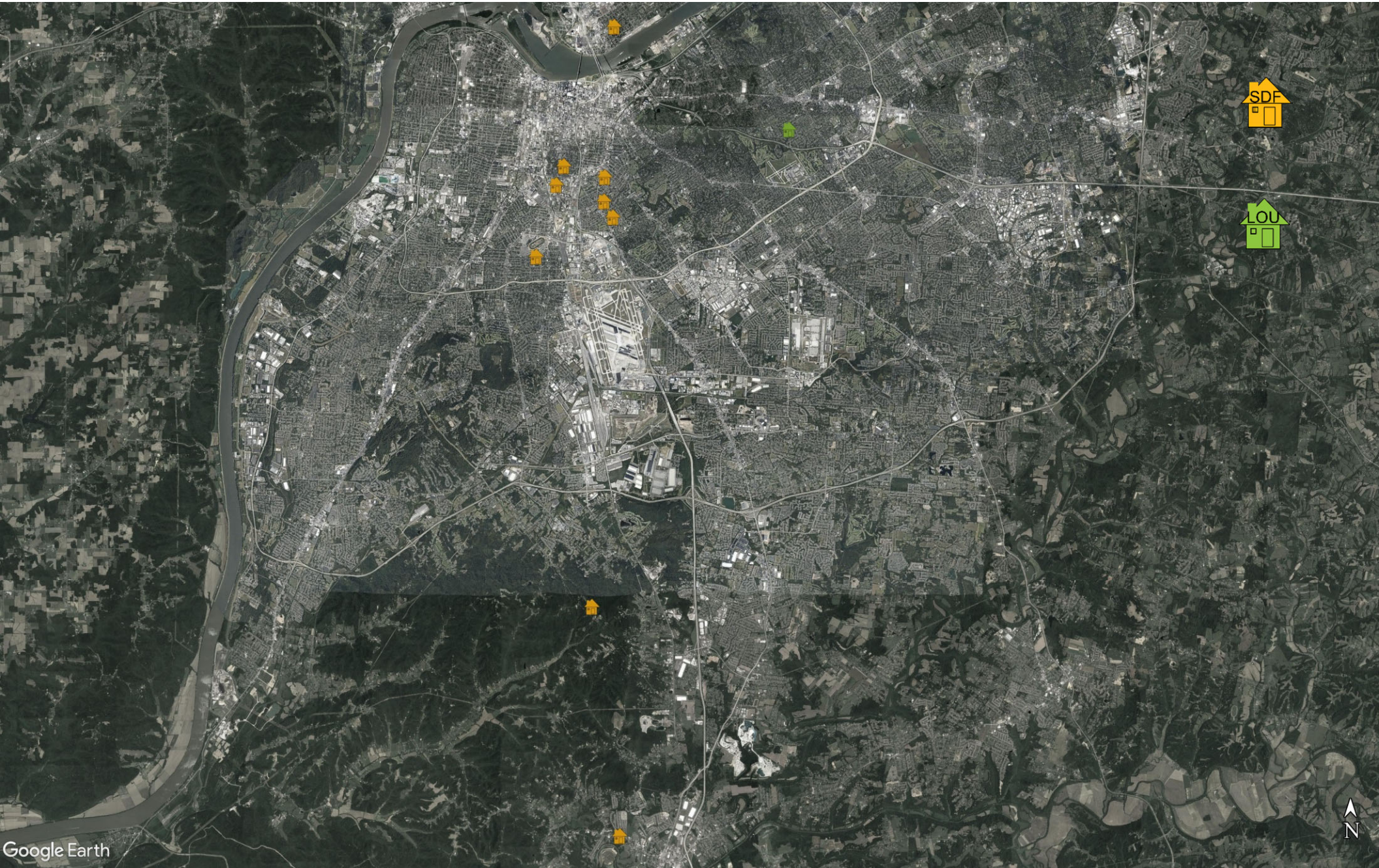
November 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Fetter Ave	40217	NE (65+)	2020-11-20 09:30:00	2020-11-20 09:30:00	SDF	Other	Investigated	Standard	None	I have not received any resent updates regarding the QHP and would like to know what our status is.
Hycliffe Ave	40207	NE (NA)	2020-11-23 11:30:00	2020-11-23 11:00:00	LOU	Too Much Noise	Investigated	Standard	None	I live near Bowman Field on Hycliff Avenue. Over the past 6 months or so there has been a helicopter that keeps flying over my house. It is also happening again this morning. This is very loud and disruptive. It seems to have gotten worse over the past month or so.
Lydia St	40217	NE (60-65)	2020-11-24 11:46:52	2020-11-24 11:46:52	SDF	Other	Investigated	Non-Standard	Weather	I would like to know if my home is in the area eligible for the Quieter Home Program.
KY-44	40165	SE (<60)	2020-11-28 09:46:00	2020-11-28 09:46:00	SDF	Other	Investigated	Standard	None	I live in the Shepherdsville area and every time one of your planes takeoff and goes over my house I lose my TV reception. You guys have planes taking off every 30 seconds to a minute so it makes it really hard to watch a TV show without losing reception. I don't get cable I just have regular TV. I would really like to watch a TV show without it being interrupted.
							Received	LRAA	11	

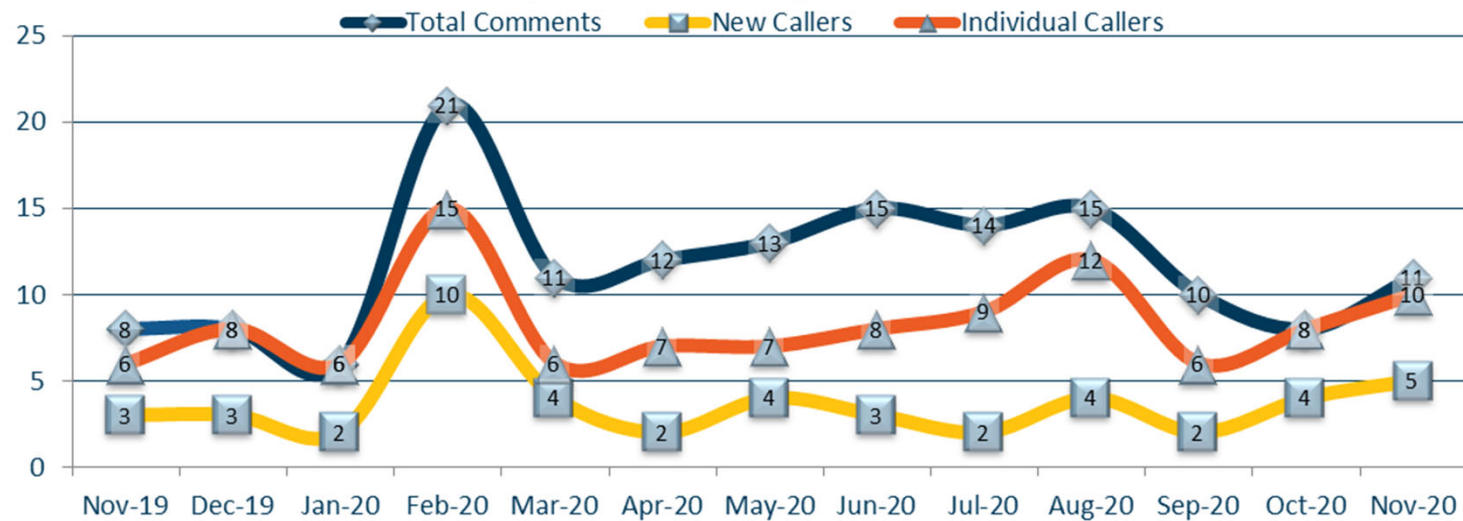
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Comment Location (SDF/LOU)

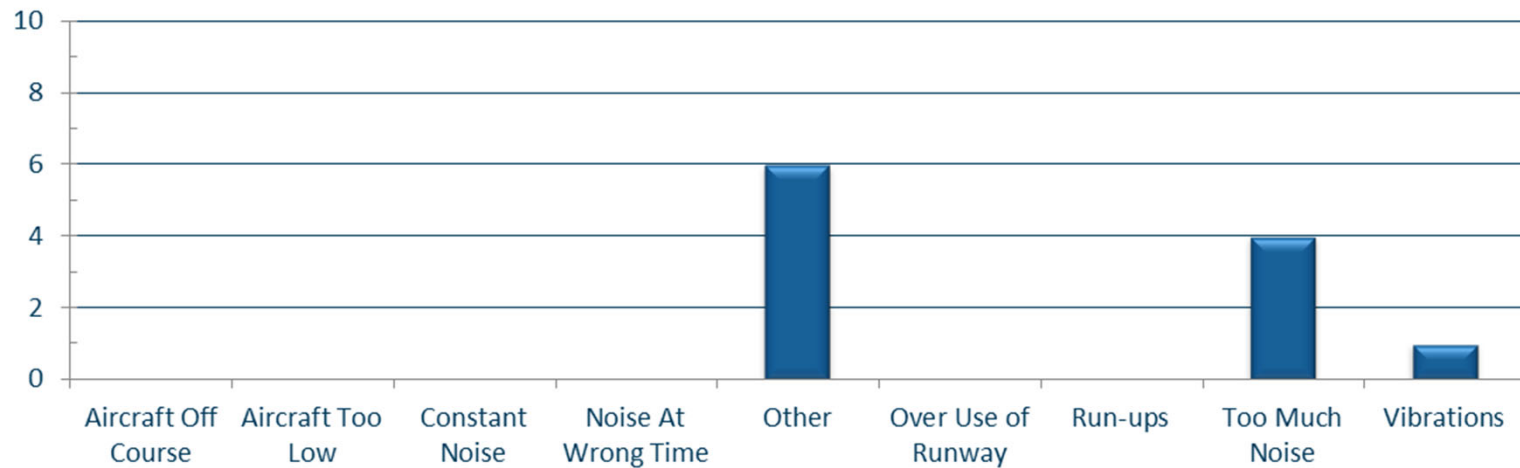
November 2020



New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU) November 2020



NOISE COMMENT REPORT

LOUISVILLE REGIONAL AIRPORT AUTHORITY



December 2020

Comments (SDF/LOU)

December 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Holsclaw Hill Rd	40109	SW (60-65)	2020-12-02 08:38:00	2020-12-02 02:00:00	SDF	Too Much Noise	Investigated	Standard	None	These airplanes are starting at 2:00-3:00 in the morning and going until 5:30-6:00 in the morning. They are railroading us up here. Lots of lack of sleep and heavy, heavy air traffic up here.
Holsclaw Hill Rd	40109	SW (60-65)	2020-12-04 04:05:00	2020-12-04 04:05:00	SDF	Too Much Noise	Investigated	Standard	None	It is December the 4th and they are railroading with the airplanes. Low flight, under 1000'. The decibels are up to about 62. We are getting woken up due to this heavy flight pattern. Nothing is changing so I am going to start calling every day.
N Provident Way	42701	SE (<60)	2020-12-06 16:27:00	2020-12-06 16:27:00	SDF	Other	Investigated	Non-Standard	Weather	I noted my saved link to view local aircraft travel gets a 404 error message. The link was through the PublicVue portal system. Is this a temporary problem? As a private pilot in Hardin County I would look at air traffic from time to time. Also as the Young Eagle Coordinator at the Vine Grove EAA chapter I would sometimes use the site to show a Young Eagle participant the flight path they had just taken, sometimes being the first flight for the child.
Holsclaw Hill Rd	40109	SW (60-65)	2020-12-09 04:14:00	2020-12-09 04:14:00	SDF	Too Much Noise	Investigated	Standard	None	We have these big planes flying over less than 1000'. Railroading right over our house. They are doing this every day. I have not been calling every day but I am calling again.
Loretta St	40213	SE (60-65)	2020-12-09 08:27:00	2020-12-09 10:49:56	SDF	Other	Investigated	Non-Standard	Weather	I live on Loretta Street very near the airport and attended the meeting after the sound study was conducted in 2016. Is there one in process for 2021?

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)

December 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Holsclaw Hill Rd	40109	SW (60-65)	2020-12-10 04:22:00	2020-12-10 04:21:00	SDF	Aircraft Too Low	Investigated	Standard	None	We have planes flying low over our house. Had a big 747 that was right at 1000'. Had another one going to Honolulu at 1200'. They are just rocking our house. Here comes another one low. I just want to know what's going on. This cannot keep going on. This is uninhabitable. All day and all night. Cannot sleep during the day or night.
Holsclaw Hill Rd	40109	SW (60-65)	2020-12-10 07:43:00	2020-12-10 07:43:00	SDF	Constant Noise	Investigated	Standard	None	I am sending this email in hopes to get somewhere, my husband and I have been in contact with Bob Slattery at our local airport. We have attended several meetings and had studies done at our home. The 24 hour noise disturbance from UPS flights is killing us. There is no peace here in the South. We are living in the serene heart of Jefferson Memorial Forest but getting no peace. The noise from the planes coming in nearly 970' to 1500' over our house 50 to 62 DBA INSIDE our home has made our home inhabitable. We love our home and DO NOT WANT TO LEAVE. There must be something done! PLEASE HELP! There is no other business that can operate all hours of the night and disturb the peace of community members. This is my second email to the noise ombudsman. I have emailed the FAA, and exhausted all efforts in every attempt made. I turn to you for action please. According to the recommendation from the FAA website pasted below. There must be something done!
Holsclaw Hill Rd	40109	SW (60-65)	2020-12-11 03:51:00	2020-12-11 03:51:00	SDF	Aircraft Too Low	Investigated	Standard	None	December 11th on Holsclaw Hill Road. We are awake again due to the airplane noise. They are low and loud.

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Comments (SDF/LOU)

December 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Budd Rd	47150	SI (<60)	2020-12-16 11:07:00	2020-12-16 11:07:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I live in the Louisville KY area. This is about aircraft noise from the SDF airport. The basic problem is UPS aircraft noise. They are cargo jets so take off noise is much louder than other jets. Hundreds take off over my house just to the north of it south of it and right over top, I have not been able to sleep or eat a quiet dinner for 3 years. That is when they activated a new runway at SDF. Ear plugs have no effect. I have had many ear infections due to these plugs in all the time. I have emailed Bob Slattery and called many times. Bob Slattery is the noise officer at SDF. I have asked him many times to check my home out and to try and do something. He has done nothing to investigate. UPS takes off every 30 sec. or so during quiet hours. They will do this for hours, hundreds of take offs sometimes. I moved here for the peace and quiet. It was for 19 years. Please look into this and see if it can be adjusted any way at all. I am thinking of moving because of this noise so please help.
Eastern Pkwy	40217	NE (60-65)	2020-12-17 09:29:00	2020-12-17 09:29:00	SDF	Other	Investigated	Standard	None	Is my address eligible for the QuieterHome Program? It appears it is in the #4 green block on the map. Just wondering when this program will become available to this area.

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Comments (SDF/LOU)

December 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Edgeland Ave	40204	NE (<60)	2020-12-18 16:35:00	2020-12-18 16:35:00	SDF	Other	Investigated	Standard	None	First, thank you for your part in distributing the vaccines. You are delivering hope to our country. One hope I have is that our city will have enough momentum this fall to host a normal version of the art fair in St James Court. It brings thousands of visitors here for a quiet walk in one of our most charming neighborhoods and is a major boost to our economy. Rather than depending on hope alone, I decided to see if a retired private citizen who is neither an artist nor an Old Louisville resident could contribute to the fair's success. One improvement that came to mind was to change flight paths during the fair's exhibit hours so jets will not be flying directly overhead. To pursue that, I contacted Mr. Dupree in the FAA ADO in Memphis. We talked, I sent him an email with the following background information, and he was kind enough to direct me toward you. The art show is held on the weekend of the first Friday in October (October 1, 2, and 3 in 2021) from 10AM to 6 PM on Friday and Saturday and from 10 AM to 5 PM on Sunday. These twenty-three hours comprise one of the largest tourism events in our city. Can you direct me to any process that could arrange temporary re-routing of flights during the daylight hours of a weekend? I will do what I can to help move the process forward, though I think announcement of the re-routing would be better served by more prominent faces.
Holsclaw Hill Rd	40109	SW (60-65)	2020-12-21 03:12:00	2020-12-21 02:00:00	SDF	Too Much Noise	Investigated	Standard	None	We have been up since about 2:00 a.m. this morning. Woke up by the airplane noise. It is about 52 dBs inside our house. Consistently 50-52 inside our house.

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Comments (SDF/LOU)

December 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Holsclaw Hill Rd	40109	SW (60-65)	2020-12-29 03:13:00	2020-12-29 03:00:00	SDF	Noise At Wrong Time	Investigated	Non-Standard	Weather	It is about 3:00 a.m. it looks like it is going to be a long day. I am going to make a report every morning we are woke up.
							Received	LRAA	13	

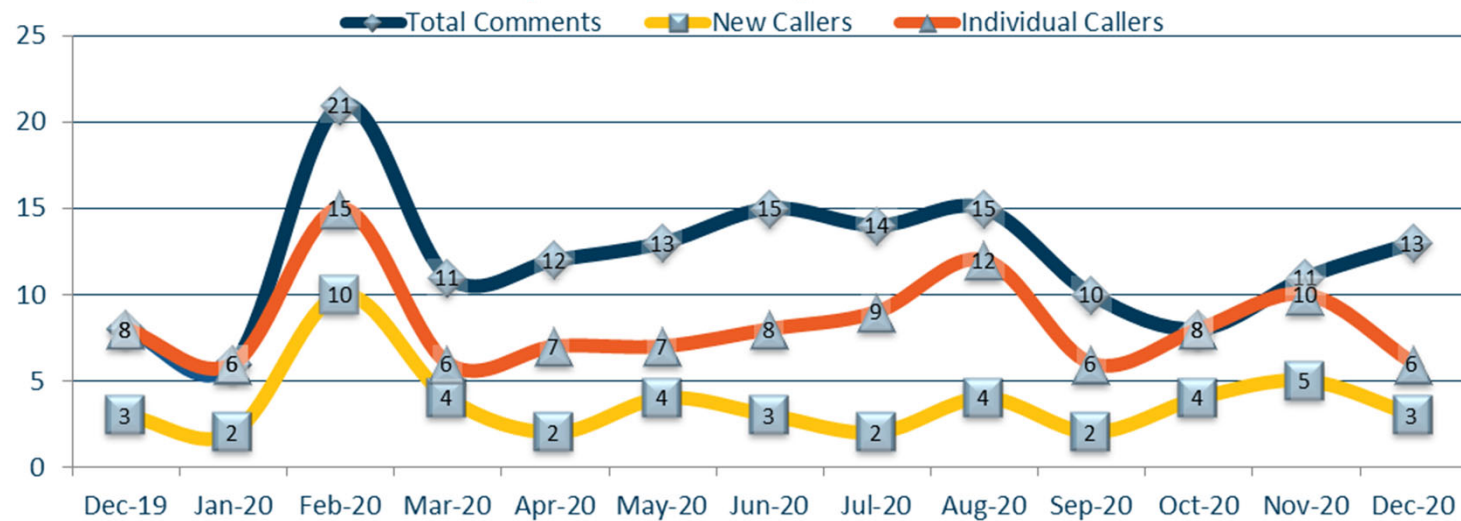
1. **Standard:** Indicates the “Most Preferred” runway configuration was being utilized at the time of the comment.
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Comment Location (SDF/LOU)

December 2020

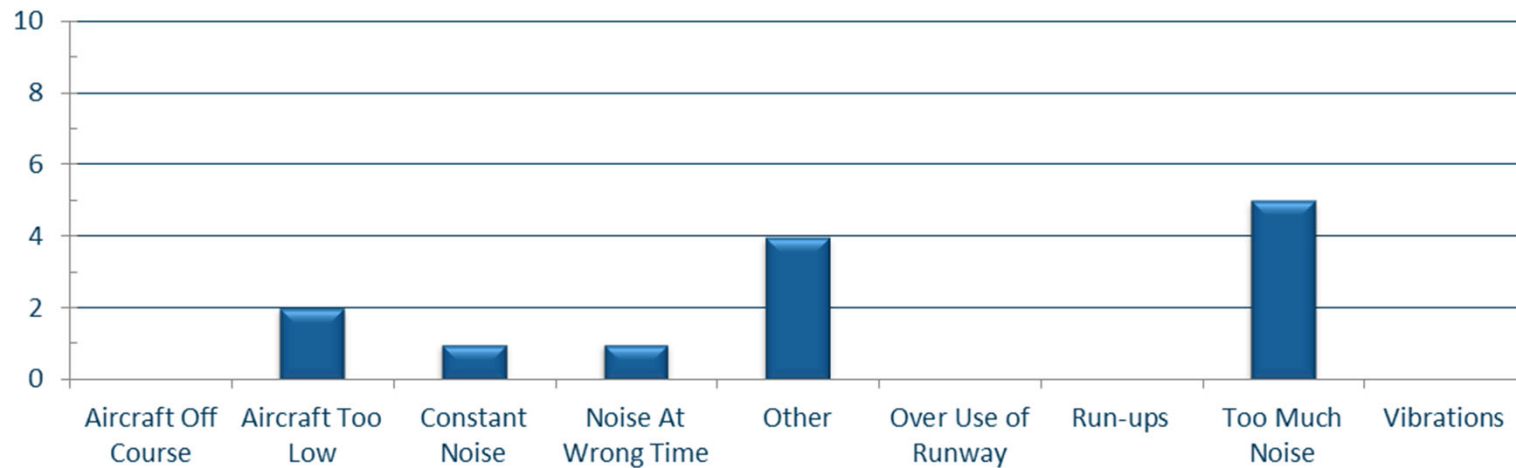


New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU)

December 2020



Daily Runway Use Uncorrected (SDF) November 2020

[illegible]

Daily Runway Use (SDF)

Tower Comments November 2020

Day	Date	Time	Comment
Sun	1-Nov-20	0700-0730	WIND 32018G26
Mon	2-Nov-20	0000-0700	Reason not documented
Tue	3-Nov-20	0900-1330	Wind 20008
Tue	3-Nov-20	2200-0000	Wind aloft 24024 @ 1000ft
Wed	4-Nov-20	0000-0230	Wind 14007, wet runways
Wed	4-Nov-20	0900-1030	Wind 19010
Wed	4-Nov-20	2200-0000	Wind aloft 22020 @ 1000ft
Thu	5-Nov-20	0000-0230	Wind aloft 22020 @ 1000ft
Thu	5-Nov-20	0900-1300	Wind 20010
Fri	6-Nov-20	0900-1030	Late switch to due to heavy volume
Sat	7-Nov-20	0900-1130	Reason not documented
Sat	7-Nov-20	1400-1600	Reason not documented
Sun	8-Nov-20	0000-0700	Log reflects South Flow
Sun	8-Nov-20	0900-1000	Late switch due to emergency aircraft inbound
Mon	9-Nov-20	2200-0000	Wind aloft 19022 @ 1000ft
Tue	10-Nov-20	0000-0230	Wind aloft 19022 @ 1000ft
Wed	11-Nov-20	1530-1930	Wind 33008
Thu	12-Nov-20	1400-1430	Log reflects North Flow
Fri	13-Nov-20	1630-1900	Wind 34009G14
Sat	14-Nov-20	1030-1130	Log reflects South Flow
Sun	15-Nov-20	1400-1430	Wind 04021G30
Mon	16-Nov-20	1930-2130	Wind 29008, wet runways
Tue	17-Nov-20	2200-0000	Log reflects North Flow
Wed	18-Nov-20	2200-0000	Log reflects North Flow
Thu	19-Nov-20	0000-0230	Wind 1708
Fri	20-Nov-20	2200-0000	Wind 20011G20
Sat	21-Nov-20	0000-0230	Wind 17008
Sat	21-Nov-20	0800-0830	Wind 36009
Sun	22-Nov-20	0130-0300	Wind 03006, wet runways
Mon	23-Nov-20	0000-0530	Wind 30005, wet runways
Mon	23-Nov-20	1400-1530	Wind 32010
Tue	24-Nov-20		
Wed	25-Nov-20	2200-0000	Wind 17015
Thu	26-Nov-20	0000-0230	Wind 24010
Thu	26-Nov-20	0900-1100	Wind 25006, wet runways
Thu	26-Nov-20	2200-0000	No UPS inbound due to holiday
Fri	27-Nov-20	0000-0230	No UPS inbound due to holiday
Fri	27-Nov-20	0900-0930	Late switch to accommodate emergency acft
Sat	28-Nov-20	0730-0830	Wind 35010
Sat	28-Nov-20	1400-1430	Stayed North for aerial survey around JVV
Sun	29-Nov-20		
Mon	30-Nov-20		

Daily Runway Use Uncorrected (SDF) December 2020

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

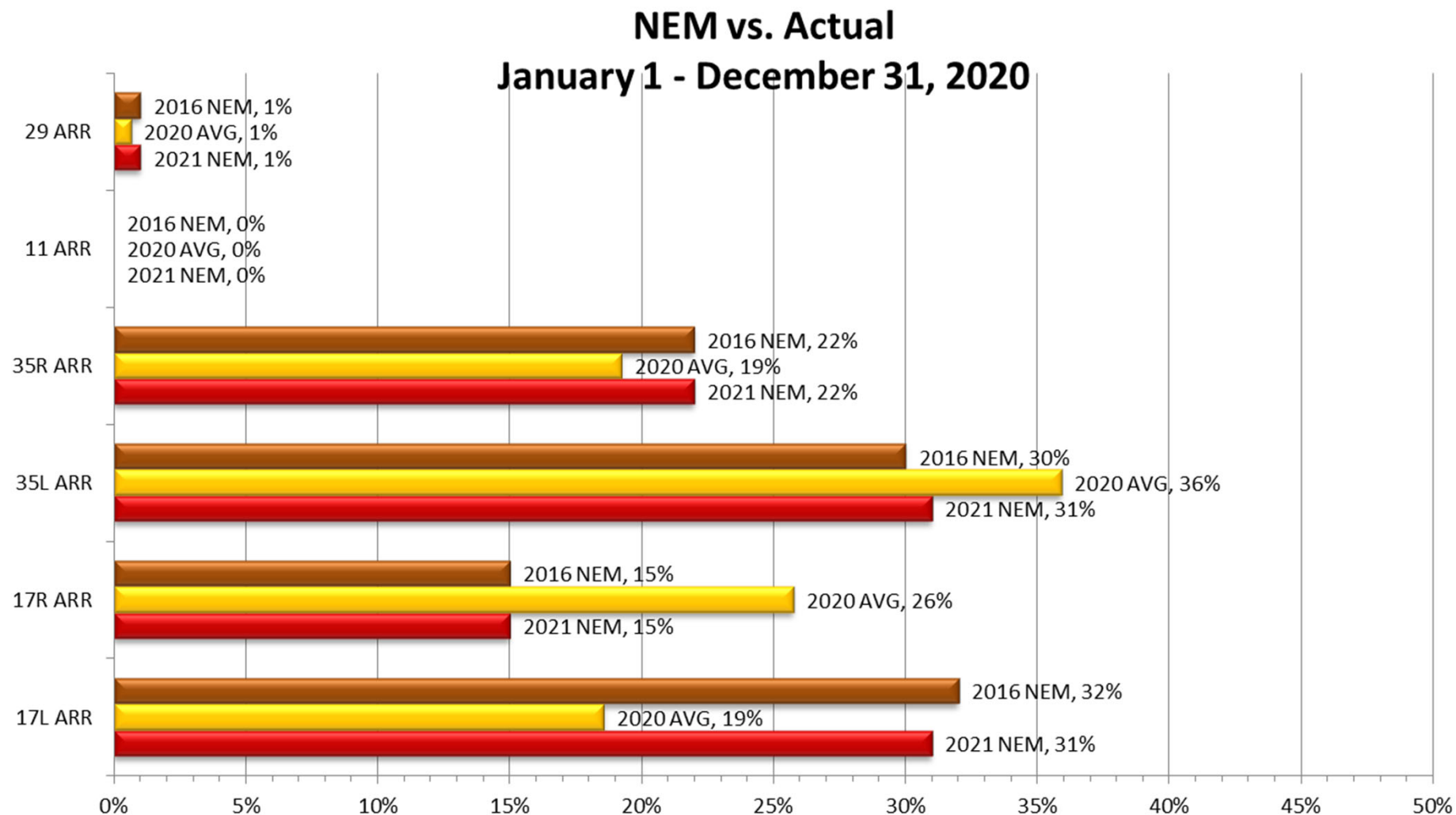
Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

Daily Runway Use (SDF)

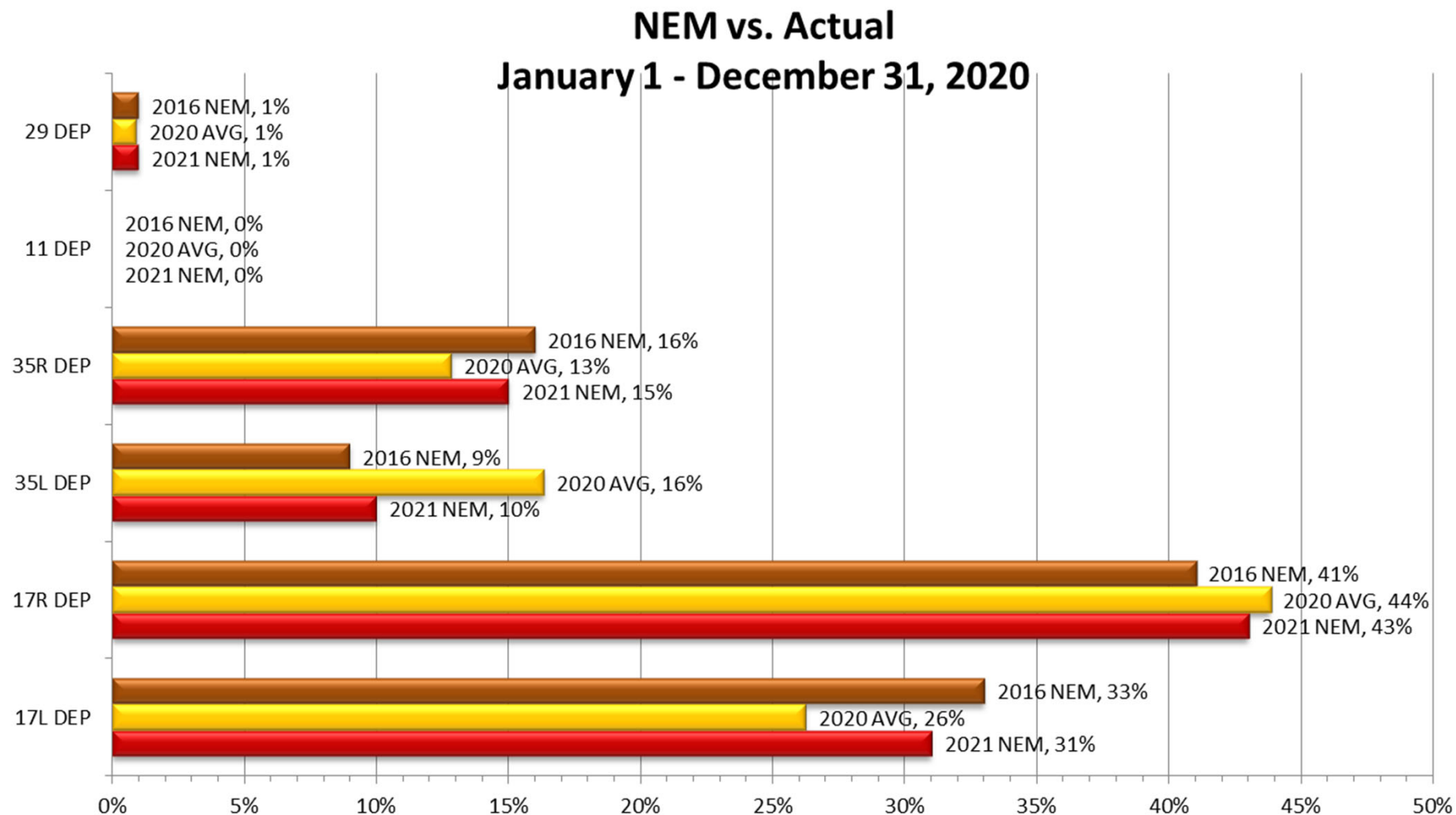
Tower Comments December 2020

Day	Date	Time	Comment
Tue	1-Dec-20	0730-0830	Wind 300@11
Tue	1-Dec-20	1400-2130	Wind 300@11
Wed	2-Dec-20		
Thu	3-Dec-20		
Fri	4-Dec-20		
Sat	5-Dec-20	0900-1000	Late switch due to workload
Sat	5-Dec-20	1400-1500	Peak Wind up to 360@08
Sun	6-Dec-20		
Mon	7-Dec-20		
Tue	8-Dec-20		
Wed	9-Dec-20	1300-1330	Wind 220@09
Thu	10-Dec-20	0900-1330	Wind 170@08
Fri	11-Dec-20		
Sat	12-Dec-20		
Sun	13-Dec-20		
Mon	14-Dec-20	1900-2130	Peak Wind up to 330@09G15
Tue	15-Dec-20	2200-0000	Wind at 1000ft - 190@20
Wed	16-Dec-20	0000-0230	Wind at 1000ft - 190@20
Thu	17-Dec-20		
Fri	18-Dec-20		
Sat	19-Dec-20		
Sun	20-Dec-20	0900-0930	Late switch due to traffic volume and wind over 7kts out of southwest.
Sun	20-Dec-20	1400-1430	UAS activity delayed switch
Mon	21-Dec-20	1930-2130	West flow for wind 270@21G32
Tue	22-Dec-20	2200-0000	Wind at 1000ft - 180@20
Wed	23-Dec-20	0000-0230	Wind at 1000ft - 180@20 SFC Wind 1508
Thu	24-Dec-20		
Fri	25-Dec-20	1400-1600	Wind 320@12
Sat	26-Dec-20		
Sun	27-Dec-20		
Mon	28-Dec-20	1400-1730	Wind 340@08
Tue	29-Dec-20	0730-0830	Wind 020@10
Tue	29-Dec-20	1230-1330	Wind 150@10
Wed	30-Dec-20		
Thu	31-Dec-20		

Runway Use (SDF Arrivals)



Runway Use (SDF Departures)



Runway Use 0900L-1400L_(SDF)

As of December 31, 2020

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
Oct-18	0	16	19	2	37	26	63	1057	0	18	16	3	18	44	62	476
Nov-18	0	19	15	5	37	23	60	1039	0	25	13	6	7	48	55	446
Dec-18	0	24	23	0	33	19	52	1099	0	26	19	1	5	49	54	427
Jan-19	0	13	18	8	38	22	60	946	0	21	14	7	6	51	57	371
Feb-19	0	15	18	0	43	24	67	852	0	24	11	2	18	46	64	344
Mar-19	0	18	18	0	43	20	63	853	0	23	13	2	14	48	62	337
Apr-19	0	22	31	2	27	18	45	941	0	31	22	5	11	31	42	369
May-19	0	25	12	0	37	26	63	1097	0	24	12	1	13	50	63	512
Jun-19	0	28	27	6	17	21	38	925	0	33	23	7	5	31	36	401
Jul-19	0	20	24	0	32	24	56	1033	0	23	20	0	12	46	58	459
Aug-19	0	10	18	0	50	23	73	1013	0	12	11	0	36	48	84	465
Sep-19	0	10	21	0	41	28	69	946	0	9	27	0	18	46	64	470
Oct-19	0	17	17	0	33	32	65	1109	0	18	17	2	22	41	63	499
Nov-19	0	17	27	6	30	20	50	969	0	19	29	4	12	36	48	418
Dec-19	0	17	19	3	39	23	62	1213	0	20	16	3	8	53	61	473
Jan-20	0	18	16	0	46	20	66	1022	0	20	16	0	20	43	63	457
Feb-20	0	10	14	0	60	16	76	899	0	20	11	0	34	34	68	438
Mar-20	0	22	23	4	43	7	50	868	0	33	16	5	27	17	44	359
Apr-20	0	11	36	2	35	15	50	751	0	23	25	5	17	32	49	133
May-20	0	19	41	0	23	17	40	691	0	21	36	0	7	36	43	148
Jun-20	0	23	33	0	28	16	44	875	0	34	24	0	15	28	43	167
Jul-20	0	11	16	0	53	20	73	851	0	15	9	0	34	41	75	207
Aug-20	0	17	33	0	34	16	50	811	0	28	21	0	17	34	51	212
Sep-20	0	6	18	0	46	30	76	889	0	11	20	0	21	47	68	211
Oct-20	0	13	24	0	51	13	64	901	0	19	19	0	38	23	61	217
Nov-20	0	11	43	3	30	13	43	1627	0	18	26	5	19	32	51	622
Dec-20	0	14	28	0	40	18	58	2214	0	18	21	1	23	37	60	664
Monthly Avg	0	16	24	1	38	20	58	1016	0	22	19	2	18	39	57	375

Gate Compliance by Runway

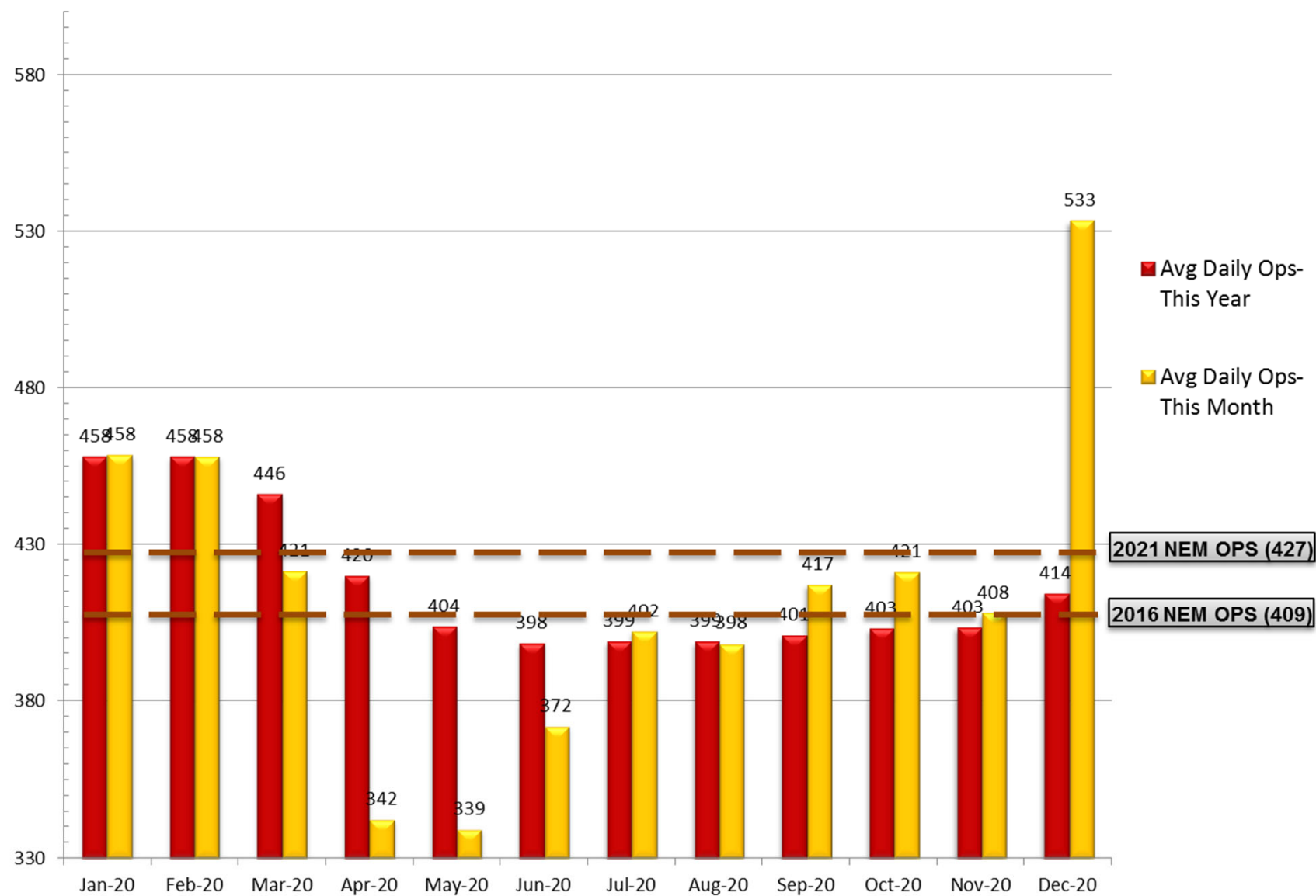
As of December 31, 2020

ARRIVALS Percent Compliant					Departure Percent Compliant					
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Jan-19	91%	95%	93%	92%	93%	83%	89%	77%	78%	82%
Feb-19	93%	96%	91%	89%	92%	76%	89%	72%	75%	78%
Mar-19	86%	93%	88%	89%	89%	76%	86%	70%	85%	79%
Apr-19	89%	93%	89%	89%	90%	77%	85%	72%	83%	79%
May-19	90%	91%	89%	88%	90%	73%	86%	78%	87%	81%
Jun-19	91%	94%	91%	90%	92%	83%	88%	78%	81%	83%
Jul-19	90%	96%	90%	89%	91%	87%	89%	77%	91%	86%
Aug-19	90%	94%	89%	88%	90%	90%	93%	69%	89%	85%
Sep-19	89%	92%	88%	89%	90%	89%	92%	79%	92%	88%
Oct-19	92%	93%	90%	91%	92%	88%	93%	75%	85%	85%
Nov-19	89%	92%	90%	92%	91%	79%	91%	74%	88%	83%
Dec-19	91%	95%	92%	93%	93%	82%	91%	75%	84%	83%
Jan-20	93%	95%	93%	91%	93%	76%	90%	71%	87%	81%
Feb-20	89%	94%	94%	93%	93%	80%	90%	78%	85%	83%
Mar-20	92%	94%	93%	90%	92%	78%	84%	78%	83%	81%
Apr-20	81%	94%	89%	91%	89%	70%	89%	73%	79%	78%
May-20	89%	95%	91%	93%	92%	74%	86%	74%	80%	79%
Jun-20	89%	94%	89%	87%	90%	76%	90%	70%	79%	79%
Jul-20	89%	94%	90%	90%	91%	83%	89%	54%	76%	76%
Aug-20	89%	94%	90%	90%	91%	85%	86%	64%	77%	78%
Sep-20	88%	94%	90%	90%	91%	84%	89%	64%	86%	81%
Oct-20	91%	94%	92%	92%	92%	76%	91%	73%	85%	81%
Nov-20	88%	95%	92%	88%	91%	74%	91%	72%	80%	79%
Dec-20	93%	96%	92%	91%	93%	73%	91%	77%	77%	80%
24 Month Avg.					91%					81%

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

Operations (SDF)

As of December 31, 2020

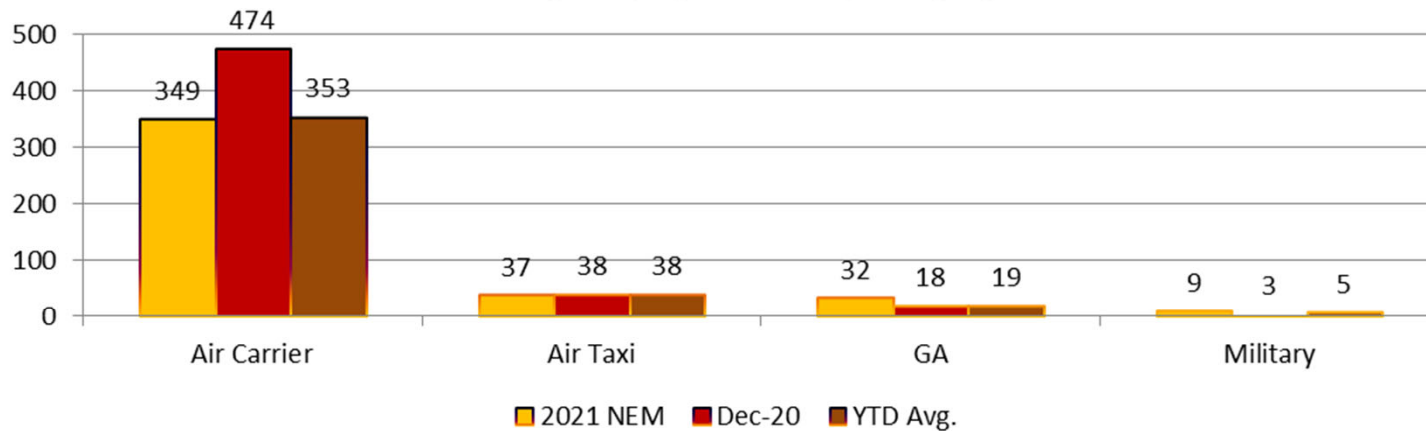


Source: Louisville <http://www.flylouisville.com/regional-airport-authority/reports-and-statistics/>

Operations and Landing (SDF)

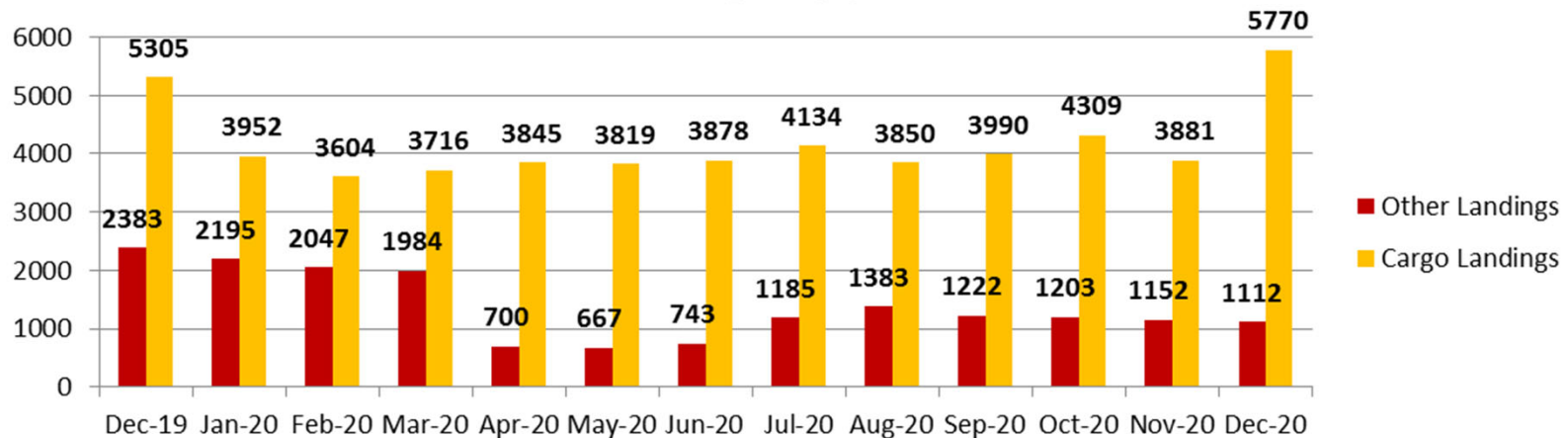
As of December 31, 2020

Average Day Operations by Category

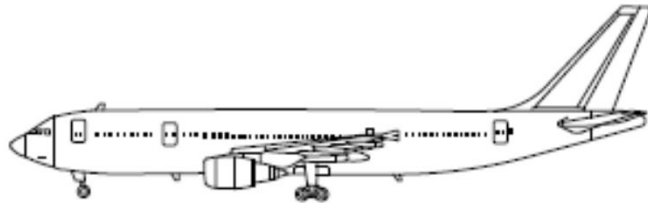


- **Air Carrier.** (AC) Aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds, carrying passengers or cargo for hire or compensation. This includes US and foreign-flagged carriers.
- **Air Taxi.** (AT) Aircraft designed to have a maximum seating 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.

Landings Cargo/Other



Sample Aircraft Types (SDF)



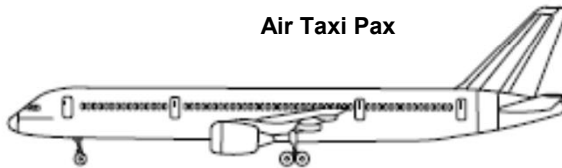
A300
Air Carrier Cargo



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