

Community Noise Forum
Monday, January 22, 2024
Agenda

- I. Call to Order: 6:00 PM
- II. Approval of September 25, 2023 and November 9, 2023, Minutes
- III. Active Noise Cancellation Grant Update
- IV. Airspace Project Update
- V. Southwest Quadrant Working Group
- VI. Noise Exposure Map Update Consultant Team Presentation
- VII. Part 150 NCP
 - a. Noise Insulation Program
 - b. Contraflow Exceptions
- VIII. Current Noise Concerns
 - a. Noise Concerns/Complaints
 - b. Runway Utilization
 - c. Construction and Maintenance Activity
- IX. Guest Comments
- X. Announcements
- XI. Next Meeting: March 25, 2024
- XII. Adjournment

**COMMUNITY NOISE FORUM (CNF)
Monday, September 25, 2023**

Members

Mary Rose Evans, ANA
John Sistarenik, LRAA Board
Jeff Kozak, UPS
Tom Foote, Airline Affairs

Bob Slattery, LRAA
Greg Petto, FAA
Brian Sinnwell, LRAA

Guests

Edward Mansfield, Merriweather
Sharron Smiley, E. Burnett
Wendy Harrower, C&S
Christella Philippe, Metro 21
Don Slocum, Preston Park
Travis Fiechter, Prestonia

Adam Thomas, Audubon
Benny Warford, Heritage Creek
Peggy Head, Preston Park
Pat Slocum, Preston Park
April Heibner, New Cut Road
Natalie Chaudoin, LRAA

- I. **Call to order:** The meeting was called to order at 6:00 p.m. by Mary Rose Evans.
- II. **Approval of the July 24, 2023, Minutes:** The July meeting notes were reviewed with no changes and approved.
- III. **Active Noise Cancellation Grant Update:** The LRAA Board Approved a contract for the project at their July meeting. The contract is currently in the process of being signed. System design is expected to begin once the contract is signed. Installation will likely not begin until mid-next year. With LRAA matching funds, the total for the project will be \$600,800.00.
- IV. **Airspace Project Update:** Bob reported The FAA public workshops dates have been moved to November. As a result, the FAA had to move the CNF pre-public outreach brief. They requested the date of November 9th. The CNF approved a special meeting for 6:00 p.m. on November 9th.
- V. **Noise Exposure Map Update:** Bob gave a presentation on Noise Exposure Map Update process. Edward Mansfield asked how the NEM's are certified for accuracy? It appears that the inputs are checked but the output is never checked. Bob replied that all the inputs are verified. However, the consultant may be able to better address the verification of the model at the meeting in January. A guest asked if there are ways to update the NEMs if there were to be a significant change in the operations. Bob replied that if there was a significant permanent change in the operations the NEMs would need to be updated.

VI. Southwest Quadrant Working Group: Mary Rose informed the group that Doug Black contracted State Representative Rachael Roarx and they arranged a meeting with Congressman Morgan McGarvey. Congressman McGarvey was updated on airport issues and the concerns of residents in the southwest quadrant. It was pointed out that most of the operations go to the south and even though the south is less populated it does not mean that it is unpopulated. People to the south do get airport noise. The updated airspace procedures were also discussed. Congressman McGarvey said there is a person in his office looking into airport issues and he is looking into the Quiet Skies Caucus. It was a very productive meeting.

Mary Rose asked that due to time constraints unless someone has a specific question or concern on a specific agenda item to refer to the handout for information on the remaining agenda items or connect with Bob after the meeting.

VII. Part 150 NCP:

A. Noise Insulation Program: Residential: (see handout)

B. Contraflow Exceptions: Contraflow for July and August is listed in the handout.

VIII. Current Noise Concerns:

A. Report on Noise Concerns/Complaints: Comments and locations are contained in the handout.

B. Runway Utilization: Runway utilization for July and August are contained in the handout.

C. Construction and Maintenance Activity:

IX. Guest Comments: None

X. Announcements: Adam Thomas asked if there was any additional information on the issue of north flow on the weekend. There was a discussion regarding the continuation of south flow on the weekends and it was agreed that the airport should request the tower discontinue the use of north flow on the weekends between 9:00 a.m. and 2:00 p.m.

XI. Next Meeting: November 9, 2023

XII. Adjournment: A motion was made to adjourn the meeting at 7:08 p.m.

COMMUNITY NOISE FORUM (CNF)
Thursday, November 9, 2023 **Special Meeting**

Members

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

Bob Slattery, LRAA
Greg Petto, FAA
Doug Black, Southwest

Guests

Edward Mansfield, Merriweather
Christian Cobler, FAA
Wendy Harrower, C&S
Thomas Benford, EHI
Jim Duncan,

Michael O’Harra, FAA
Gene Reindel, HMMH
Shane Jackson, FAA
Luke Gunn, Fairdale

- I. Call to order:** The meeting was called to order at 6:00 p.m. by Mary Rose Evans. Mary Rose announced that this was a special meeting for the Federal Aviation Administration (FAA) to brief CNF members on the upcoming airspace changes and discussion is limited to items on the agenda.
- II. Airspace Project Update:** The FAA briefed the CNF on its proposal to modify the airspace over Louisville Muhammad Ali International Airport and upcoming public workshops. The FAA discussed operations, challenges, constraints, and proposed changes in and around the SDF airspace. The FAA answered questions from CNF members regarding the airspace project.
- III. Next Meeting:** January 22, 2024
- IV. Adjournment:** A motion was made to adjourn the meeting at 7:45 p.m.

Residential Sound Insulation QuieterHome Program

Program Overview

- QuieterHome Program began in 2008
- Funding is 90% FAA, with the remaining 10% from the Airport Authority
- 542 families completed by 2015 along Preston Hwy corridor
- 549 additional families potentially eligible as of 2021 in new program area, northeast of SDF
- 700 families completed as of December 2023

Current Program Status

Package 5 - 33 Families

Began: July 2023

Completed: September 2023

Package 6 - 34 Families

Began: December 2023

Completed: April 2024 (est.)

Package 7 - 30 Families

Began: May 2024 (est.)

Completed: August 2024 (est.)

Package 8 - 30 Families (March 2024 Board)

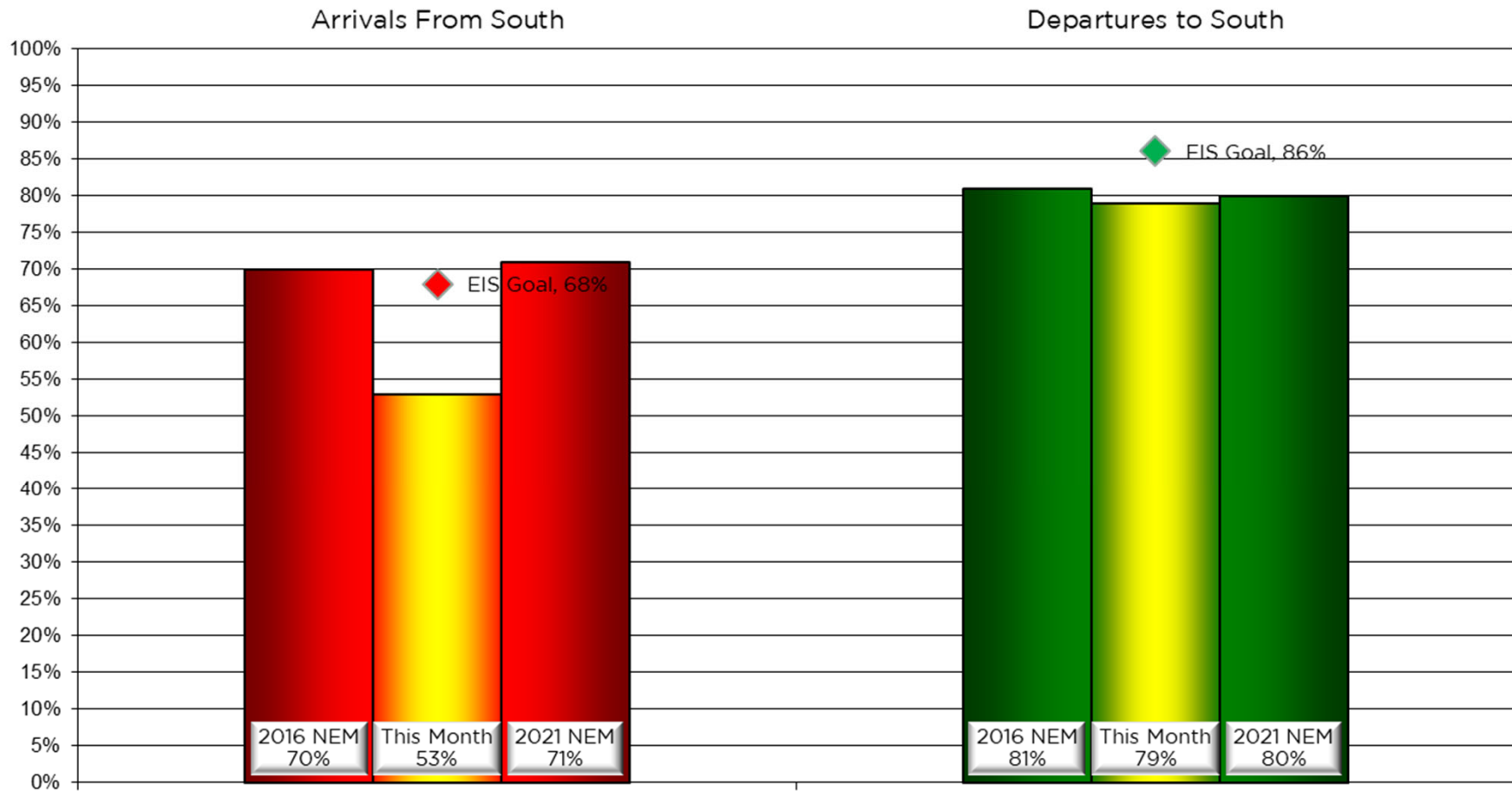
Began: TBD

Completed: TBD

Notes: Packages 9 and 10 (approx. 60 families) are in the testing phase. Estimated construction start dates are yet determined.



Monthly Contraflow November 1-30, 2023



Nightly Runway Use Summary - November 2023

(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					
11-01-23	Wed	96%			1	3			68	28	0				34	58			1	7	0	
11-02-23	Thu	0%			36	64					0	120-150@7-11kts			39	61					0	
11-03-23	Fri	0%			39	61					0	120-200@7-13kts			43	57					0	
11-04-23	Sat																					
11-05-23	Sun																					
11-06-23	Mon	0%			40	60					0	180-220@11-15kts			38	62					0	
11-07-23	Tue	88%			3	9			51	37	0				35	59			3	3	0	
11-08-23	Wed	1%			39	60			1		0	220-240@17-27kts			22	35			27	16	0	
11-09-23	Thu	97%				3			63	34	0				27	41			21	11	0	
11-10-23	Fri	100%							69	31	0								62	38	0	360-020@11-15kts
11-11-23	Sat																					
11-12-23	Sun																					
11-13-23	Mon	96%			1	3			55	41	0				33	60			4	3	0	
11-14-23	Tue	0%			43	57					0	080-140@5-9kts			46	54					0	
11-15-23	Wed	95%			1	4			58	37	0				35	55			6	4	0	
11-16-23	Thu	0%			40	60					0	130-200@9-21kts,g36			39	60				1	0	
11-17-23	Fri	100%							61	39	0								64	36	0	350-360@13-21kts
11-18-23	Sat																					
11-19-23	Sun																					
11-20-23	Mon	0%			43	57					0	080-120@5-25kts,ra			37	63					0	
11-21-23	Tue	97%			1	2			56	41	0				29	50			12	9	0	
11-22-23	Wed	98%			1	1			64	34	0				24	65			9	2	0	
11-23-23	Thu	0%			14	86					0	150-010@5-11kts			35	59			1	5	0	
11-24-23	Fri	97%				3			60	37	0				36	58			2	4	0	
11-25-23	Sat																					
11-26-23	Sun																					
11-27-23	Mon	100%							63	37	0								58	42	0	290-320@15-31kts
11-28-23	Tue	94%			2	4			57	37	0				35	53			10	2	0	
11-29-23	Wed	0%			44	56					0	110-160@7-13kts			33	67					0	
11-30-23	Thu	0%			43	57					0	110-200@5-25kts,ra			38	62					0	

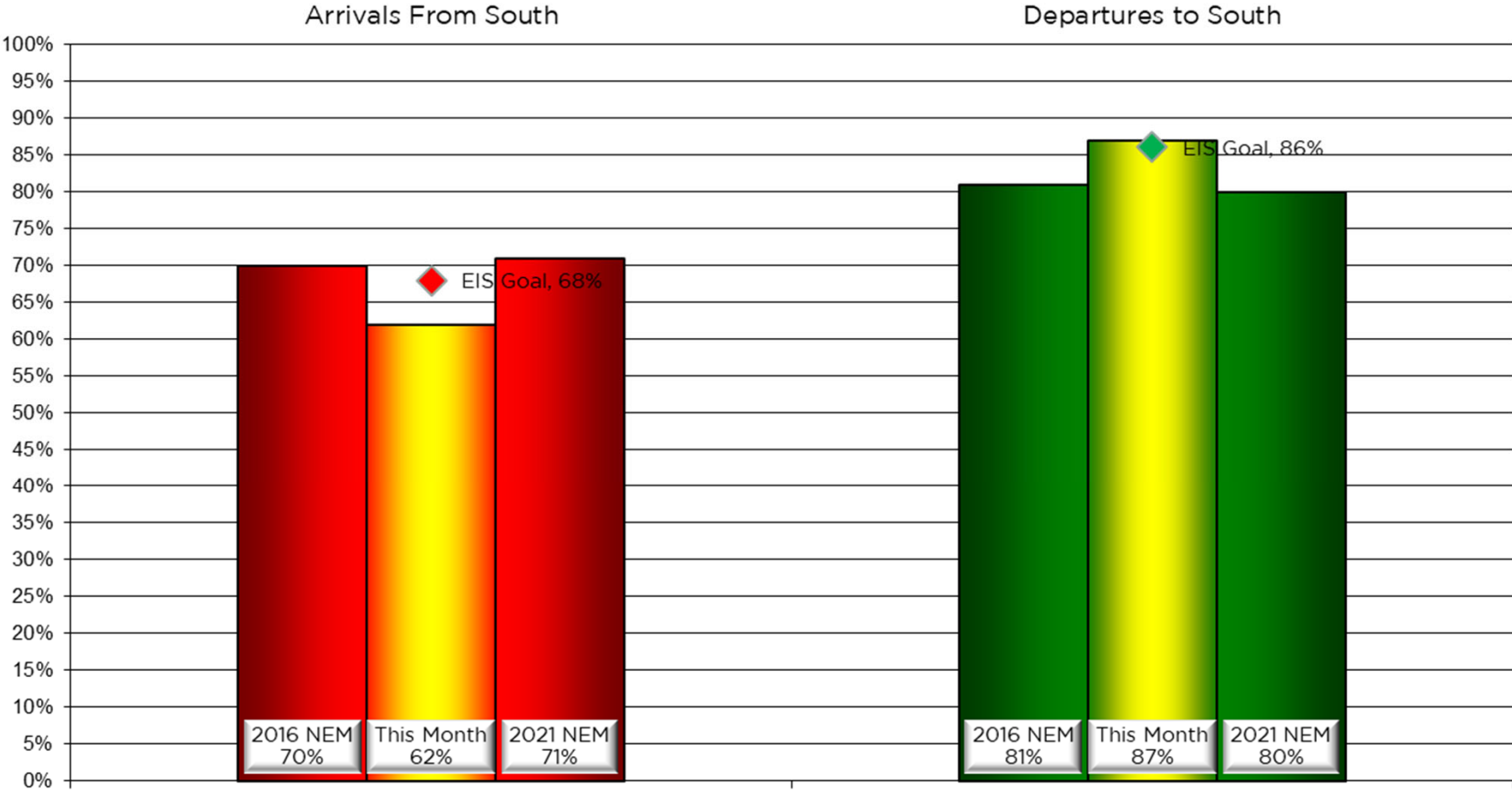
Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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



Monthly Contraflow December 1-29, 2023



Nightly Runway Use Summary – December 2023

(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						
12-01-23	Fri	0%			39	61				0	160-240@7-15kts	100%			37	63				0			
12-02-23	Sat																						
12-03-23	Sun																						
12-04-23	Mon	95%			1	4			57	38	0		89%			33	56			7	4	0	
12-05-23	Tue	100%							60	40	0		0%							59	41	0	310-340@11-21kts
12-06-23	Wed	0%			41	59					0	130-190@7-11kts	100%			39	61					0	
12-07-23	Thu	0%			38	62					0	180-200@15-23kts	100%			38	62					0	
12-08-23	Fri	0%			42	58					0	150-190@19-25kts,ra	100%			44	56					0	
12-09-23	Sat																						
12-10-23	Sun																						
12-11-23	Mon	94%			1	5			56	38	0		84%			32	52			12	4	0	
12-12-23	Tue	89%			4	7			50	39	0		86%			34	52			8	6	0	
12-13-23	Wed	95%			2	3			55	40	0		83%			35	48			12	5	0	
12-14-23	Thu	94%			4	2			54	40	0		83%			32	51			13	4	0	
12-15-23	Fri	93%			2	5			57	36	0		89%			33	56			8	3	0	
12-16-23	Sat																						
12-17-23	Sun																						
12-18-23	Mon	92%			3	5			55	37	0		82%			31	51			13	5	0	
12-19-23	Tue	93%			2	5			56	37	0		84%			30	54			11	5	0	
12-20-23	Wed	91%			1	8			53	38	0		82%			33	49			11	7	0	
12-21-23	Thu	92%			3	5			56	36	0		82%			34	48			12	6	0	
12-22-23	Fri	0%			38	62					0	120-190@7-19kts	100%			40	60					0	
12-23-23	Sat																						
12-24-23	Sun																						
12-25-23	Mon	0%			28	72					0	120-150@5-11kts	100%			15	85					0	
12-26-23	Tue	98%				2			59	39	0		90%			36	54			7	3	0	
12-27-23	Wed	82%			6	12			49	33	0		96%			34	62			2	2	0	
12-28-23	Thu	0%			46	54					0	210-230@9-21kts,ra,sn	100%			37	63					0	
12-29-23	Fri	96%				4			55	41	0		96%			42	54			2	2	0	
12-30-23	Sat																						

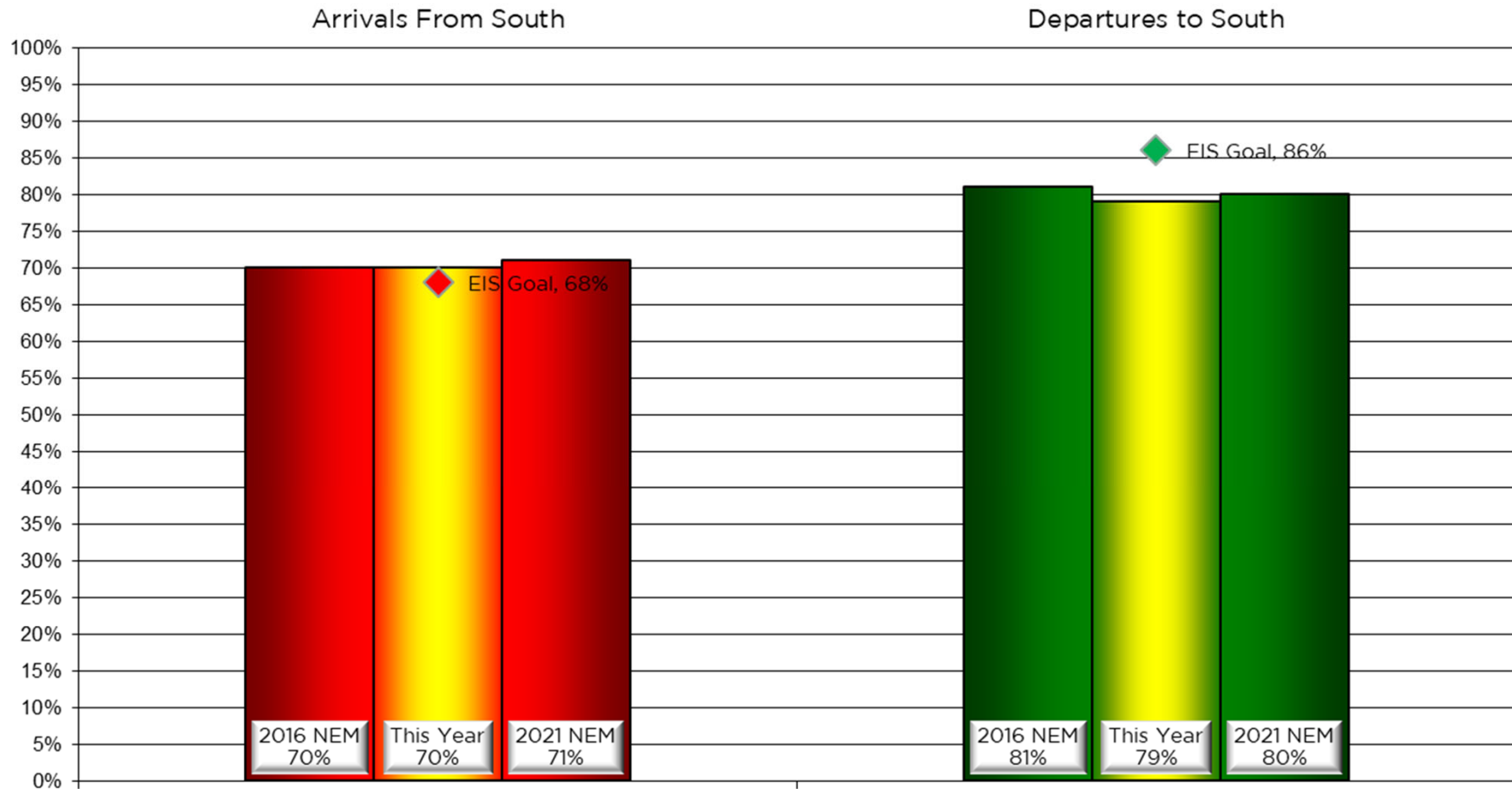
Preferred Flow

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

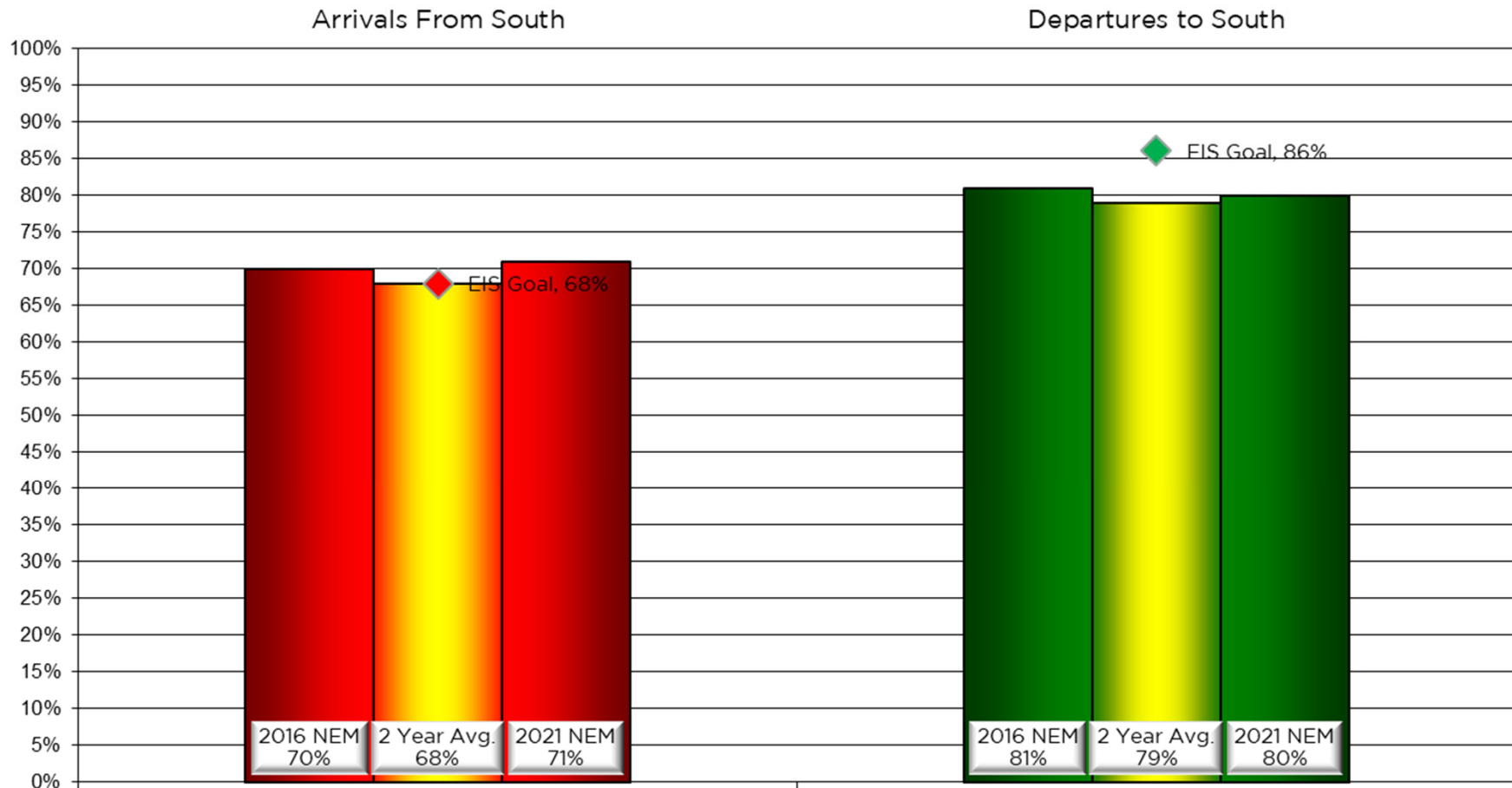
DATIS Reported Conditions Do Not Indicate Support for Non-Preferred Flow



Contraflow This Year As of December 29, 2023



Contraflow 2 Year Average January 2022 - December 2023



Year-to-Year by Month Percent* Contraflow

	Arrivals From the South (Goal 68%)									Departures to the South (Goal 86%)									
	2016	2017	2018	2019	2020	2021	2022	2023	Avg		2016	2017	2018	2019	2020	2021	2022	2023	Avg
Jan	69%	65%	60%	75%	56%	71%	78%	67%	68%		69%	61%	72%	69%	82%	71%	65%	75%	71%
Feb	80%	58%	67%	78%	78%	87%	67%	62%	72%		67%	77%	70%	57%	43%	45%	56%	72%	61%
Mar	63%	79%	84%	82%	65%	51%	62%	59%	68%		77%	62%	61%	89%	64%	77%	77%	70%	72%
Apr	86%	56%	73%	65%	71%	62%	64%	76%	69%		73%	80%	72%	82%	69%	75%	82%	88%	78%
May	62%	75%	43%	65%	71%	71%	51%	84%	65%		80%	80%	89%	90%	90%	63%	83%	73%	81%
Jun	79%	74%	74%	50%	69%	65%	67%	85%	70%		83%	93%	91%	91%	88%	84%	70%	89%	86%
Jul	59%	85%	90%	75%	72%	70%	55%	68%	72%		91%	85%	77%	87%	91%	76%	95%	91%	87%
Aug	76%	79%	72%	88%	82%	74%	78%	91%	80%		90%	90%	88%	89%	87%	88%	89%	82%	88%
Sep	88%	85%	80%	83%	83%	63%	91%	78%	81%		93%	31%	87%	77%	85%	90%	75%	79%	77%
Oct	81%	81%	77%	79%	71%	69%	68%	58%	73%		81%	82%	76%	78%	72%	76%	78%	67%	76%
Nov	74%	69%	76%	70%	51%	61%	60%	53%	64%		77%	75%	54%	72%	78%	81%	86%	79%	75%
Dec	75%	74%	72%	76%	67%	56%	53%	62%	67%		62%	74%	61%	72%	69%	80%	88%	87%	74%
Avg	74%	73%	72%	74%	70%	67%	66%	70%			79%	74%	75%	79%	77%	76%	79%	79%	



NOISE COMMENT REPORT

LOUISVILLE

REGIONAL AIRPORT AUTHORITY



November 2023

Comments (SDF/LOU)

November 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
Sam Dr	40214	SW (<65)	2023-11-01 14:38:00	2023-11-01 03:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	I am getting a lot of UPS planes that wake me up in the early morning. I am not real good of hearing but I can still hear them go off in the morning.	1
York River Rd	40214	SW (<60)	2023-11-02 16:43:00	2023-11-02 03:00:00	SDF	Too Much Noise	Investigated	Standard	None	Why are they flying over Yorktown today? Tried to sleep, had a long night last night.	1
York River RD	40214	SW (<60)	2023-11-02 05:30:00	2023-11-02 05:30:00	SDF	Too Much Noise	Investigated	Standard	None	UPS planes are banking and turning over the top of our homes this morning. 70-80 dBs in our bedrooms. I represent all of Yorktown North. You are not doing your job and being proactive in letting the people of Yorktown North know that there is a noise problem. We have a right to complain about every UPS plane that goes over. What are you doing for us over here?	1
Kings Hwy	40205	N/A	2023-11-03 09:22:00	2023-11-02 22:00:00	LOU	Noise At Wrong Time	Investigated	Non-Standard	Ops	There was an aircraft that was flying after 10:00 p.m. last night (11/2/2023). The aircraft arrived from Columbus, but at 10:02 pm. took off and flew 2 loop patterns until 10:13 p.m. Private Owner, Reg. N691TC, Cessna 172S Skyhawk SP.	1
Woodhaven Pl Dr	40228	SE (<60)	2023-11-06 05:44:00	2023-11-03 23:00:00	LOU	Aircraft Too Low	Investigated	Standard	None	We just had an airplane fly over our house at 11:00 p.m. It sounded like a small plane. I normally wouldn't complain but it was low enough that it was a nuisance to me. If you are the correct person to contact, please stop low flights over residential areas at night.	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
- This column is used to indicate the conditions which most likely necessitated a deviation from the standard procedures.
- Comments may be edited for space, format, or unrelated content.

Comments (SDF/LOU)

November 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
Southern Pkwy	40214	SW (<60)	2023-11-07 23:03:00	2023-11-07 23:03:00	SDF	Too Much Noise	Investigated	Standard	None	Please register my complaint with ground noise.	1
York River RD	40214	SW (<60)	2023-11-08 05:31:00	2023-11-08 05:31:00	SDF	Constant Noise	Investigated	Standard	None	UPS planes started at 2:30 a.m. this morning and lasted until 5:30 a.m. One every one to two minutes. They bank and turn over Yorktown North. 70-80 dBs in the bedroom. No one else in the city gets noise like this and it has to stop.	1
York River RD	40214	SW (<60)	2023-11-09 05:43:00	2023-11-09 05:43:00	SDF	Too Much Noise	Investigated	Standard	None	UPS planes started at 2:30 this morning. Every one to two minutes for 3 or 4 hours. Yorktown North is closer to the end of the runway than any neighborhood. I have data to prove that new gain height takeoff is being done. That is what has changed over the past several years.	1
York River Rd	40214	SW (<60)	2023-11-09 20:55:00	2023-11-09 20:55:00	SDF	Other	Investigated	Standard	None	Went to attend meeting. No one was there at Park Drive. It appears the meeting location was changed so the public could not attend. When I put the 700 Administration Drive in my phone it took me in circles around the airport. The general public does not know where all your hidden buildings are. Will see where you locate the next meeting in January.	1
York River RD	40214	SW (<60)	2023-11-10 05:18:00	2023-11-10 05:18:00	SDF	Too Much Noise	Investigated	Standard	None	The planes were departing north then all of a sudden, they started going south over Yorktown North. 70 to 80 dBs in the bedroom and shaking our houses over here.	1

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Comments (SDF/LOU)

November 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
York River Rd	40214	SW (<60)	2023-11-11 05:49:00	2023-11-11 03:40:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	It is approximately 5:49 a.m. and your planes have kept me awake since 3:40 a.m. They are UPS on their regular schedule. I do not appreciate being woken up. It seems that somebody cannot get this right.	1
Southern Pkwy	40214	SW (<60)	2023-11-11 05:30:00	2023-11-11 05:30:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	Please register my complaint this morning with flyover noise.	1
York River Rd	40214	SW (<60)	2023-11-11 06:04:00	2023-11-11 06:04:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I am lodging an official complaint against the noise that is coming from your airport. It does appear to exceed what the FAA allows to be a residential noise level. (Representative of 2 additional comments received within the hour.)	3
Olde Gloucester Cove	40214	SW (<60)	2023-11-14 05:30:00	2023-11-14 02:00:00	SDF	Constant Noise	Investigated	Standard	None	We have lived in Yorktown North for almost 34 years. We are in the newer section, which means we get ALL the noise from UPS each morning and afternoon. UPS jets have woken us up every morning around 2:00 a.m. for 34 years. Isn't there anything that can be done to NOT bring these jets over our subdivision? The ringing in our ears has gotten worse.	1
York River RD	40214	SW (<60)	2023-11-14 05:41:00	2023-11-14 02:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	At 2:30 a.m. the UPS planes started banking and turning. They were starting their turn halfway up the runway.	1

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Comments (SDF/LOU)

November 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
Parklawn Dr	40217	NE (60-65)	2023-11-15 12:10:00	2023-11-15 12:10:00	SDF	Other	Investigated	Standard	None	I am calling in reference to a lot of noise in the area. The jets fly over our houses continuously and we are not part of the QuieterHomes upgrade. We have plenty of video that show the planes. I have damage to my window seals and cracks in the walls also.	1
York River Rd	40214	SW (<60)	2023-11-16 04:37:00	2023-11-16 04:33:00	SDF	Noise At Wrong Time	Investigated	Standard	None	Your UPS Planes have awoken me again. It is 4:33 a.m. Please put a stop to it. I am on York River Road. Please allow this email to serve as an official complaint.	1
York River RD	40214	SW (<60)	2023-11-16 05:41:00	2023-11-16 05:41:00	SDF	Aircraft Off Course	Investigated	Standard	None	It started at 3:00 a.m. this morning. UPS flights off 17R banking and turning over Yorktown North. UPS does what they want. Once you get over that maybe you can help us out.	1
York River RD	40214	SW (<60)	2023-11-16 11:01:00	2023-11-16 08:49:03	SDF	Too Much Noise	Investigated	Standard	None	This morning was really bad for UPS takeoffs from west runway banking turning off 17R. Noise up high-altitude gain takeoff (per UPS pilots) It started at 1:30 a.m. this morning -got somewhat better a couple weeks ago but now back to over 75-85 decibels in the bedroom. Attached, find an example of just one out of 40-50 that shakes our houses over in Yorktown North.	1
Bohannon Ave	40215	NW (<60)	2023-11-18 05:12:00	2023-11-18 05:12:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I wanted to make a noise complaint about the planes overhead. For some reason they are right overhead.	1

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Comments (SDF/LOU)

November 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
Robin Rd	40213	NE (60-65)	2023-11-19 20:38:00	2023-11-19 14:00:00	SDF	Over Use of Runway	Investigated	Non-Standard	Ops	Can you please look into why Saturday and Sunday operations were north flow? SDF weather information never had anything above 5 knots.	1
Audubon PKY	40213	NE (60-65)	2023-11-19 18:07:00	2023-11-19 18:07:00	SDF	Over Use of Runway	Investigated	Non-Standard	Ops	Something about spending a Sunday afternoon and evening in unceasing departure racket north of the airport, amid unwavering reporting from the on-airfield monitor of winds in the 'calm' range (3 to 4 knots, east). Casts a bit of a shadow over last week's calm assurances in webcasts from airport, tower, and FAA officials of fidelity to current and proposed runway use measures.	1

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Comments (SDF/LOU)

November 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
Chippendale Ct	40214	SW (<60)	2023-11-21 10:04:00	2023-11-21 02:30:00	SDF	Too Much Noise	Investigated	Standard	None	<p>This morning the planes taking off were extremely loud. I do not have an exact time frame for the noise, but my best guess would be from about 2-3AM to 6AM. I also noticed that it sounded like the planes were flying directly over our subdivision. I have noticed an increase in noise since my wife and I moved to Yorktown North subdivision in March of 2023. It seems to have gotten worse and worse as the months go by. I find that the loudest time is very early in the morning from about 3AM-6AM. I do not understand how we are not in any of the dB contours. I see from the complaints in July and August of 2023, a Yorktown resident claims to have recorded 70dBs from inside their home. If this is in fact true, then I would think something would have to be done within our neighborhood. I will not be bombarding you with phone calls, but I will be sending periodic emails regarding this matter until the issue is addressed, resolved, or worsens. I am willing to submit my own data or if someone within the community noise forum would like to use my home to collect data. I really hope this issue can be addressed. I know members from our subdivision have been complaining about it and it is really hard to get a good night's sleep in the past few months.</p>	1

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Comments (SDF/LOU)

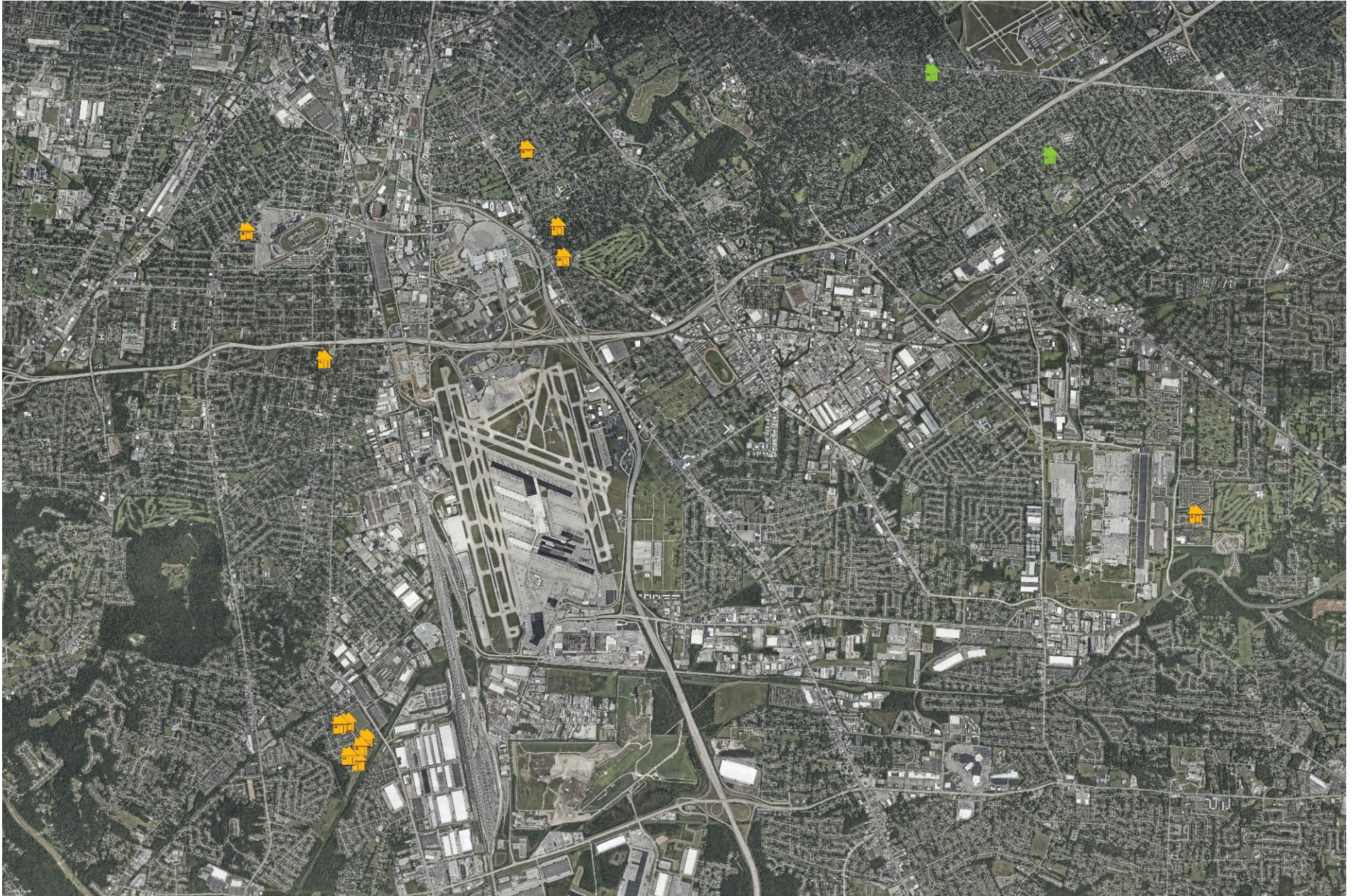
November 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
York River RD	40214	SW (<60)	2023-11-21 05:35:00	2023-11-21 05:35:00	SDF	Too Much Noise	Investigated	Standard	None	UPS planes are super loud this morning. They started at 1:00 a.m. this morning. There is one every 1 to 2 minutes. They are over 80 dB. in the bedroom. It is overcast but they are getting louder and louder every day. I know it can be stopped.	1
Dean Dr	40220	NA	2023-11-25 13:58:00	2023-11-25 13:58:00	LOU	Constant Noise	Investigated	Standard	None	The single engine planes from Bowman Field are flying over my house every one to two minutes. They have gotten worse over the last couple of years.	1
Southern Pkwy	40214	SW (<60)	2023-11-28 04:37:00	2023-11-28 04:00:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	Please register my complaint with flyover noise starting at 4:00 a.m. this morning.	1
									Received	LRAA	28

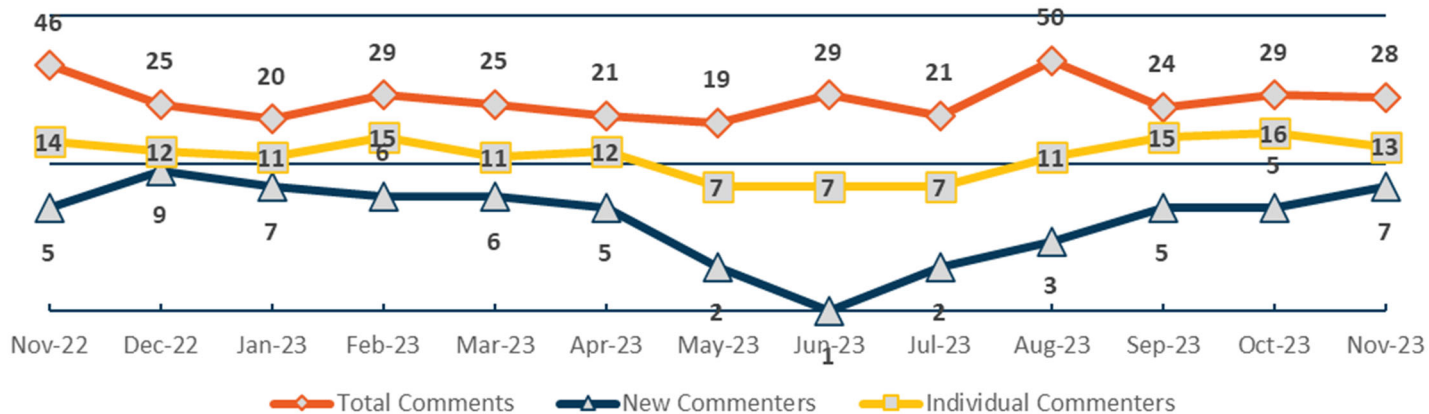
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Comment Location (SDF/LOU)

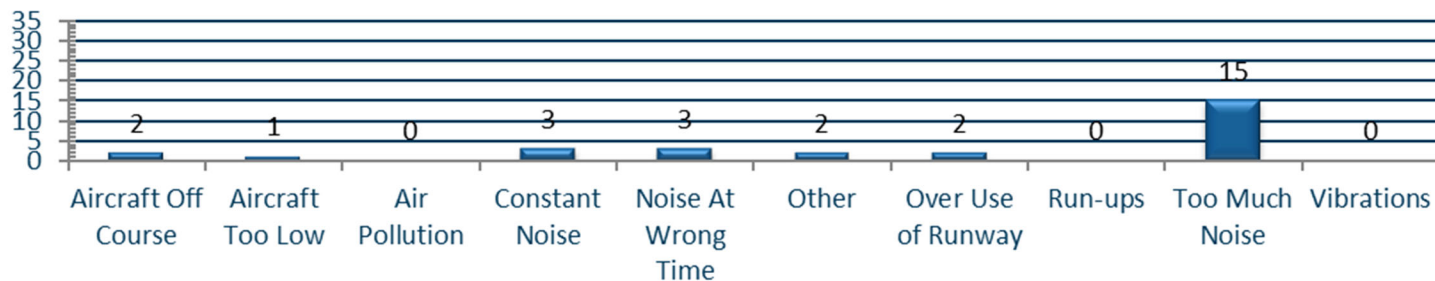
November 2023



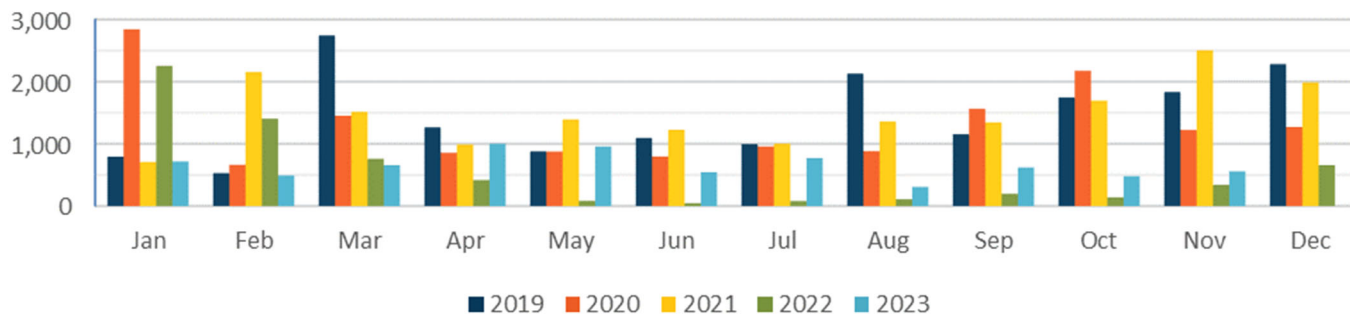
Total, New, and Individual Comments (SDF/LOU)



Comment Type (SDF and LOU) November 2023



Operations Per Complaint (SDF)





NOISE COMMENT REPORT

LOUISVILLE

REGIONAL AIRPORT AUTHORITY



December 2023

Comments (SDF/LOU)

December 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
York River RD	40214	SW (<60)	2023-12-01 05:44:00	2023-12-01 01:00:00	SDF	Too Much Noise	Investigated	Standard	None	The planes started banking and turning at 1:00 a.m. this morning. They are starting their turn halfway up the runway. They are doing that off the east runway. The ones that turn are close to 80 dBs in our bedrooms. I have data to back all this up. M.R. called and got all of this stopped. Close to 200 airplanes departed on 17R this morning starting at 1:00 a.m. There is no way we can sleep over here. We cannot wait until next year to see what it is going to be like then.	1
Kenilworth PI	40205	NE (<60)	2023-12-01 11:50:00	2023-12-01 11:30:00	SDF	Too Much Noise	Investigated	Standard	None	At about 11:30 a.m. and 11:45 a.m. two planes went over this area that were very loud. This was not the typical noise that you hear from aircraft in this area. Can you tell me what that was? I looked on my flight tracker app and did not see anything.	1
Sherbrooke Rd	40205	NA	2023-12-02 16:08:00	2023-12-02 16:08:00	LOU	Constant Noise	Investigated	Standard	None	I have questions about the frequency, noise and schedule of planes flying over the Highlands/St. Matthews neighborhood area. Are there guidelines for these concerns? If so, what are they? And who is responsible for the enforcement of these parameters?	1

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Comments (SDF/LOU)

December 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
Sherbrooke Rd	40205	NA	2023-12-05 16:47:00	2023-12-05 16:47:00	LOU	Too Much Noise	Investigated	Standard	None	A large number of neighbors in the Upper Highlands have been speaking of the noise and the flyovers which occur daily. Often times we have counted a dozen flyovers in a 5-minute period. We have to stop a conversation to be heard. We hear the planes flying above the homes in our houses. It is a louder noise than the modified muffler cars that drive respectfully in the neighborhood. Since reading your response and writing my response 6 planes have flown over the area. I do realize it isn't the end of the world but if that modified muffler car drove up and down your street 30-40x a day, 5-7 days a week. We mentioned this to our council person and they referred us to you. What is an effective measure that is realistic for us? There is a chainsaw being operated 2 houses down the planes are louder than it.	1
Ardmore Dr	40217	NE (<60)	2023-12-06 06:24:00	2023-12-06 06:24:00	SDF	Constant Noise	Investigated	Non-Standard	Weather	It's Wednesday morning, December 6, I'm writing to let you know that jet after jet after jet and noise caused by the constant take-offs is unacceptable. There is no chance of sleeping once the nonstop take-offs begin. This is just like having a neighbor who leaves a barking dog outside. What if anything is being done to change the flight patterns?	1

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Comments (SDF/LOU)

December 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
Dean Dr	40220	NA	2023-12-06 15:17:00	2023-12-06 14:30:00	LOU	Constant Noise	Investigated	Standard	None	Aircraft doing touch-and-go's are making too much noise.	1
Sherbrooke Rd	40205	NA	2023-12-11 08:53:00	2023-12-11 08:00:00	LOU	Too Much Noise	Investigated	Standard	None	There is too much noise coming from these planes at Bowman Field. They just keep going around in circles. What can be done about this? One pilot said that now he knows everyone is complaining he will just fly lower now.	1
Gladstone Ave	40205	NA	2023-12-11 09:03:00	2023-12-11 08:30:00	LOU	Too Much Noise	Investigated	Standard	None	I have 4 planes doing super low touch-and-goes that I can hear inside my house. Much louder than it ever has been.	1

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Comments (SDF/LOU)

December 2023

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Eleanor Ave	40205	NA	2023-12-13 10:42:00	2023-12-12 16:00:00	LOU	Too Much Noise	Investigated	Standard	None	<p>I am requesting your assistance in curbing the excessive and unreasonable aircraft noise from Bowman Field. In the last year the number and frequency of loud, low-flying planes flying in a repetitive pattern over the Eleanor Ave.-Gardiner Lane area has increased exponentially.</p> <p>Throughout the day barely 15 minutes go by without a plane overhead. Yesterday, between 4 p.m. and 6:30 p.m., I documented less than 15 seconds, yes seconds, between each flight above my house. I understand some airport noise and traffic is to be expected in the city, and I am aware of the positive economic impacts Bowman Field provides. Flight patterns can be regulated to distribute noise to a larger surrounding area rather than repeating the same path over and over to punish one section of a neighborhood. This would be an easy, equitable, and convenient solution. Reading about LRAA's Noise Compatibility Program on the Flylouisville website I was encouraged by this statement: "From takeoff to touchdown, the noise it generates can truly affect the day-to-day lives of the surrounding community. That's why the LRAA is working hand-in-hand with the community to make strides for a better tomorrow." Tomorrow is already here, and it is not better. It is worse. Please let me know what next steps my neighbors and I can take.</p>	1

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Comments (SDF/LOU)

December 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
Famous Way	40219	SE (<60)	2023-12-13 13:41:00	2023-12-13 13:41:00	SDF	Too Much Noise	Investigated	Standard	None	I would like to file a complaint about airport noise.	1
Southern Pkwy	40214	SW (<60)	2023-12-13 22:29:00	2023-12-13 22:29:00	SDF	Too Much Noise	Investigated	Standard	None	Please register my complaint with airport noise starting at 10:00 p.m. tonight.	1
Old N Church Rd	40214	SW (<60)	2023-12-15 03:58:00	2023-12-15 03:58:00	SDF	Aircraft Off Course	Investigated	Standard	None	I'm a resident of Yorktown North and the UPS planes are not flying out toward the Outer Loop, but instead are flying west directly over our homes!! This has got to stop, or the airport needs to provide soundproofing for our homes. UPS thinks no one can touch them. Well, they can be stopped.	1
York River RD	40214	SW (<60)	2023-12-15 05:48:00	2023-12-15 05:48:00	SDF	Aircraft Off Course	Investigated	Standard	None	We have been woken up the past several days by the UPS planes banking and turning after takeoff. It is not the weather that makes some days worse than others, it is the flight paths. I have data to prove it.	1
Eastbrooke Pkwy	40047	SE (<60)	2023-12-18 12:34:00	2023-12-16 12:00:00	SDF	Other	Investigated	Standard	None	I have concerns about the unusual flight activity over the past few years. There are so many that by the time the exhaust dissipates it completely clouds over the sky. It concerns me and I would like to know what it is.	1

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Comments (SDF/LOU)

December 2023

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York River RD	40214	SW (<60)	2023-12-19 05:48:00	2023-12-19 02:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	A lot of them were banking and turning over top of the neighborhood this morning. Some went straight off the east runway some banking the other way. It seems to be destination based. The ones going out west are banking and turning halfway up the runway. The others go straight south. These are all UPS planes at 2:30 in the morning.	1
Missionary Ct	40291	SE (<60)	2023-12-20 04:55:00	2023-12-20 04:55:00	SDF	Noise At Wrong Time	Investigated	Standard	None	I do not know what you have done differently with the air traffic as far as the routing. Could you please do something about this so the people on this end of town can get a decent night's sleep the next night or 2.	1
Southern Pkwy	40214	SW (<60)	2023-12-22 05:50:00	2023-12-22 04:00:00	SDF	Too Much Noise	Investigated	Standard	None	Please register my complaint with ground noise this morning noticed as early as 4:00 a.m.	1

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Comments (SDF/LOU)

December 2023

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³	Number of Contacts
Kintner Rd SW	47112	SI (<60)	2023-12-27 18:55:00	2023-12-27 18:55:00	SDF	Aircraft Too Low	Investigated	Standard	None	How do I get some help with excessive noise from seemingly too low jets over/near our home on Kintner Road in Corydon? We bought this house last summer and at that time (when we spent hours of time there,) the noise was minimal. I lodged inquiries after things seemed to pick up after closing and move in, (with FAA) and subsequently/seemingly, helicopter activity increased. So, we reported that, which returned to 'normal', now the jets are all too seemingly low and very loud. We worry about air quality and when we can sleep. UPS is the worst. We know they are cargo but why do so many have to be over or so close to our house? Couldn't they fly higher or avoid us? Please let us know who can help actually alleviate this?	1
Southern Pkwy	40214	SW (<60)	2023-12-31 16:21:00	2023-12-31 15:45:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	Associated with fly over noise with planes spotted flying out to the west over Beechmont and to the north. Noise was first noted around 3:45 p.m.	1
									Received	LRAA	19

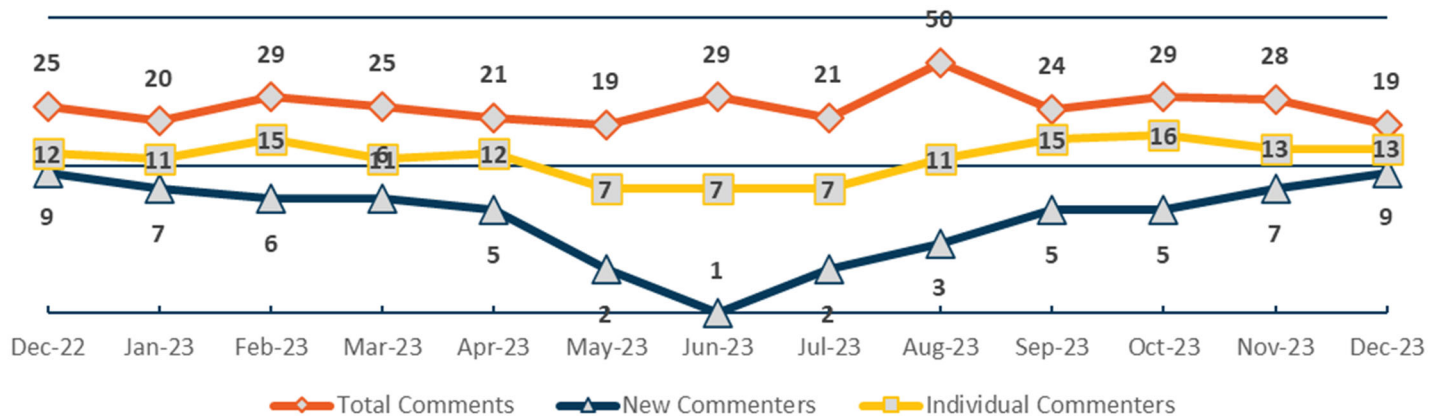
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Comment Location (SDF/LOU)

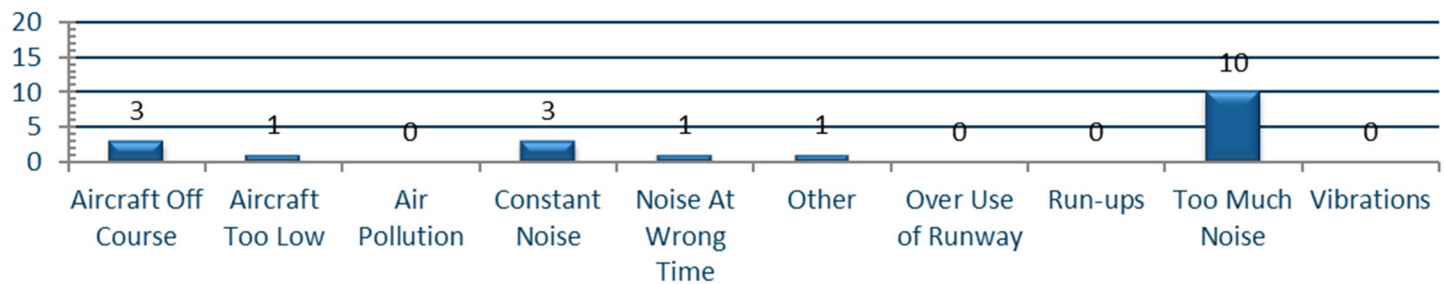
December 2023



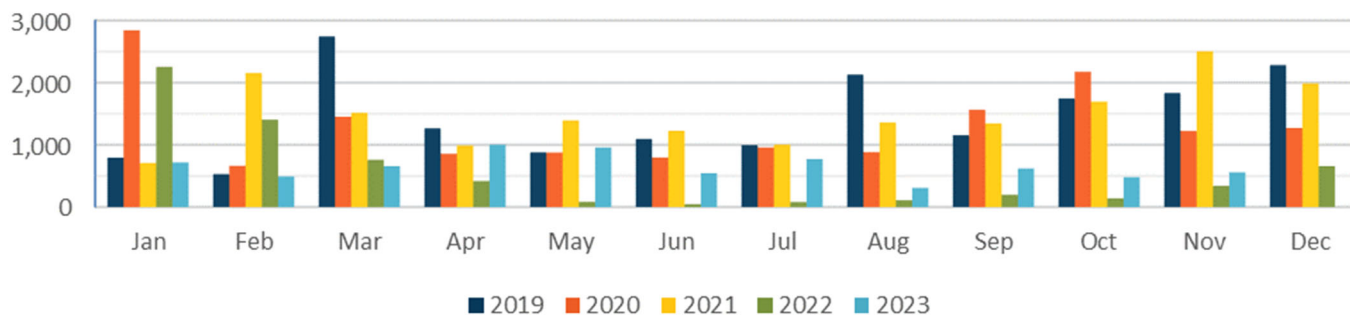
Total, New, and Individual Comments (SDF/LOU)



Comment Type (SDF and LOU) December 2023



Operations Per Complaint (SDF)



Daily Runway Use Uncorrected (SDF) November 2023

Flow	Time UTC	Time Local	Wed 11-1	Thu 11-2	Fri 11-3	Sat 11-4	Sun 11-5	Mon 11-6	Tue 11-7	Wed 11-8	Thu 11-9	Fri 11-10	Sat 11-11	Sun 11-12	Mon 11-13	Tue 11-14	Wed 11-15	Thu 11-16	Fri 11-17	Sat 11-18	Sun 11-19	Mon 11-20	Tue 11-21	Wed 11-22	Thu 11-23	Fri 11-24	Sat 11-25	Sun 11-26	Mon 11-27	Tue 11-28	Wed 11-29	Thu 11-30	Time Local				
North Flow	0400	0:00																															0:00				
	0430	0:30																																0:30			
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North Flow	1300	9:00																																9:00			
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South Flow	1800	14:00																				X													14:00		
	1830	14:30																																		14:30	
	1900	15:00																																		15:00	
	1930	15:30																																		15:30	
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North Flow	0200	22:00																																		22:00	
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Flow	Time		Wed 11-1	Thu 11-2	Fri 11-3	Sat 11-4	Sun 11-5	Mon 11-6	Tue 11-7	Wed 11-8	Thu 11-9	Fri 11-10	Sat 11-11	Sun 11-12	Mon 11-13	Tue 11-14	Wed 11-15	Thu 11-16	Fri 11-17	Sat 11-18	Sun 11-19	Mon 11-20	Tue 11-21	Wed 11-22	Thu 11-23	Fri 11-24	Sat 11-25	Sun 11-26	Mon 11-27	Tue 11-28	Wed 11-29	Thu 11-30	Time				

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

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

Daily Runway Use (SDF)

Tower Comments November 2023

Day	Date	Time	Comment
wed	01-Nov-23	0700-0830	31010KT
wed	01-Nov-23	1400-1430	late change due to volume
thu	02-Nov-23		
fri	03-Nov-23		
sat	04-Nov-23		
sun	05-Nov-23	0100-0430	wind 35008KT
mon	06-Nov-23	0900-1030	wind 16008KT
tue	07-Nov-23		
wed	08-Nov-23		
thu	09-Nov-23		
fri	10-Nov-23	1400-1530	forecasted winds 34009KT
sat	11-Nov-23	1900-0000	North winds, wind 01008KT
sun	12-Nov-23	0000-0130	North winds, wind 01008KT
sun	12-Nov-23	0330-0830	reason not documented
sun	12-Nov-23	1230-1330	late change due to recurring wind shifts
mon	13-Nov-23		
tue	14-Nov-23	2200-0000	Wind at altitude
wed	15-Nov-23	0000-0230	Wind at altitude
wed	15-Nov-23	0900-1030	forecasted winds 20010KT
thu	16-Nov-23		
fri	17-Nov-23		
sat	18-Nov-23	1400-2200	wind 33009KT
sun	19-Nov-23	1400-0000	forecasted winds exceeded tailwind component
mon	20-Nov-23	0000-0330	forecasted winds exceeded tailwind component
mon	20-Nov-23	0900-1330	Strong winds at altitude, wet rwys, forecasted winds
tue	21-Nov-23		
wed	22-Nov-23	1800-2130	wind 30011KT
thu	23-Nov-23	2200-0000	forecasted winds 21010
fri	24-Nov-23	0000-0230	forecasted winds 21010
sat	25-Nov-23		
sun	26-Nov-23		
mon	27-Nov-23	0500-0830	wind 30010KT
mon	27-Nov-23	1800-2130	wind 27011G18KT
tue	28-Nov-23	1800-2130	wind 27010KT
wed	29-Nov-23		
thu	30-Nov-23		

Daily Runway Use Uncorrected (SDF) December 2023

Flow	Time UTC	Time Local	Fri 12-1	Sat 12-2	Sun 12-3	Mon 12-4	Tue 12-5	Wed 12-6	Thu 12-7	Fri 12-8	Sat 12-9	Sun 12-10	Mon 12-11	Tue 12-12	Wed 12-13	Thu 12-14	Fri 12-15	Sat 12-16	Sun 12-17	Mon 12-18	Tue 12-19	Wed 12-20	Thu 12-21	Fri 12-22	Sat 12-23	Sun 12-24	Mon 12-25	Tue 12-26	Wed 12-27	Thu 12-28	Fri 12-29	Sat 12-30	Sun 12-31	Time Local			
North Flow	0400	0:00																																0:00			
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	0700	3:00																																		3:00	
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1030	6:30																																				6:30
1100	7:00																																				7:00
1130	7:30																																				7:30
1200	8:00																																				8:00
1230	8:30																																				8:30
1300	9:00																																				9:00
1330	9:30																																				9:30
1400	10:00																																				10:00
1430	10:30																																				10:30
1500	11:00																																				11:00
1530	11:30	X																																			11:30
1600	12:00																	X																			12:00
1630	12:30																																				12:30
1700	13:00																																				13:00
1730	13:30															X																					13:30
1800	14:00																																				14:00
1830	14:30																																				14:30
1900	15:00																																				15:00
1930	15:30																																		X		15:30
2000	16:00																																				16:00
2030	16:30																																				16:30
2100	17:00																																				17:00
2130	17:30																																				17:30
2200	18:00																																				18:00
2230	18:30																																		X		18:30
2300	19:00																																				19:00
2330	19:30																																				19:30
2400	20:00																																				20:00
0030	20:30																																				20:30
0100	21:00																																				21:00
0130	21:30																																				21:30
0200	22:00															X																				22:00	
0230	22:30																																				22:30
0300	23:00																																				23:00
0330	23:30																																				23:30
0400	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

X Complaint

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

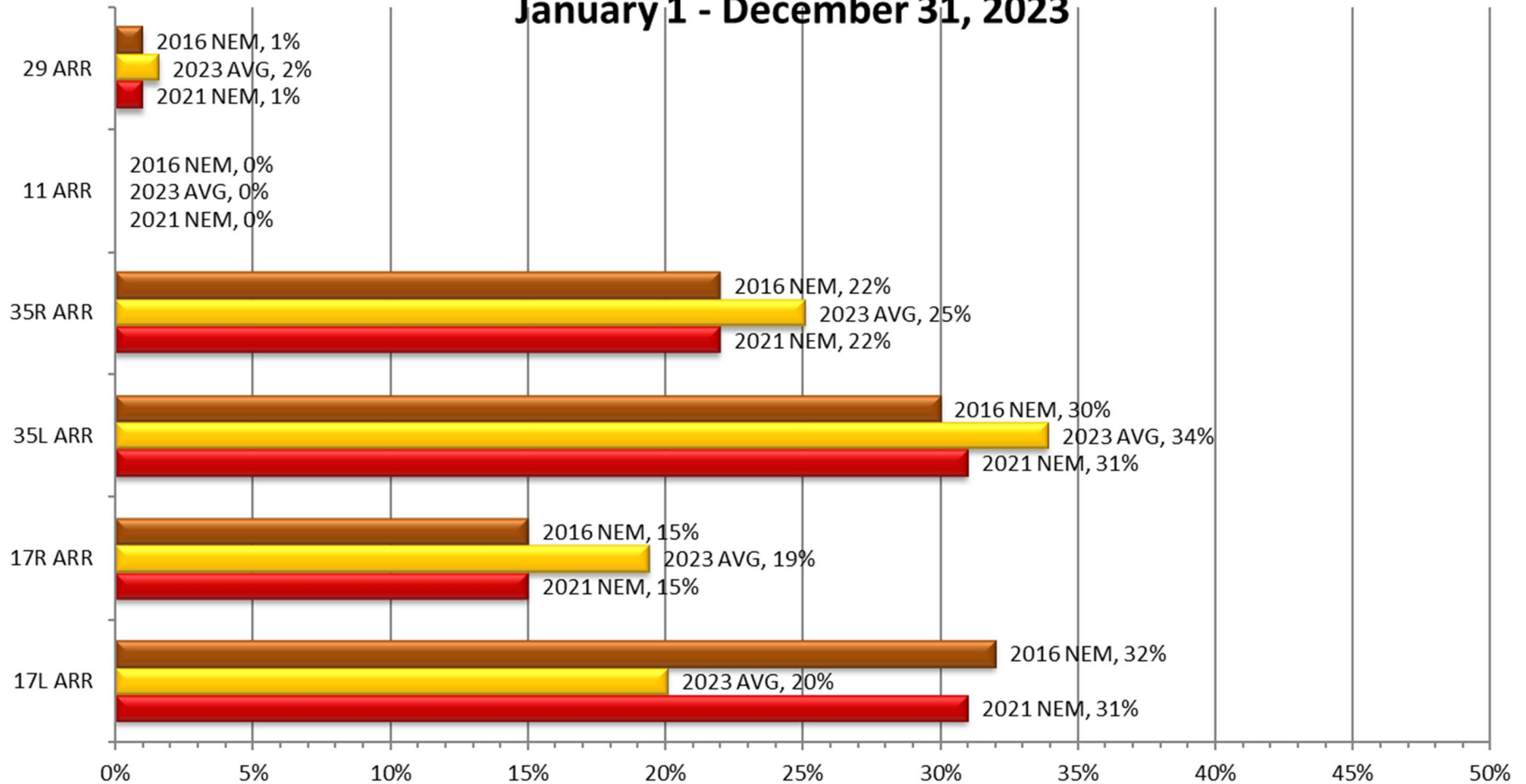
Daily Runway Use (SDF)

Tower Comments December 2023

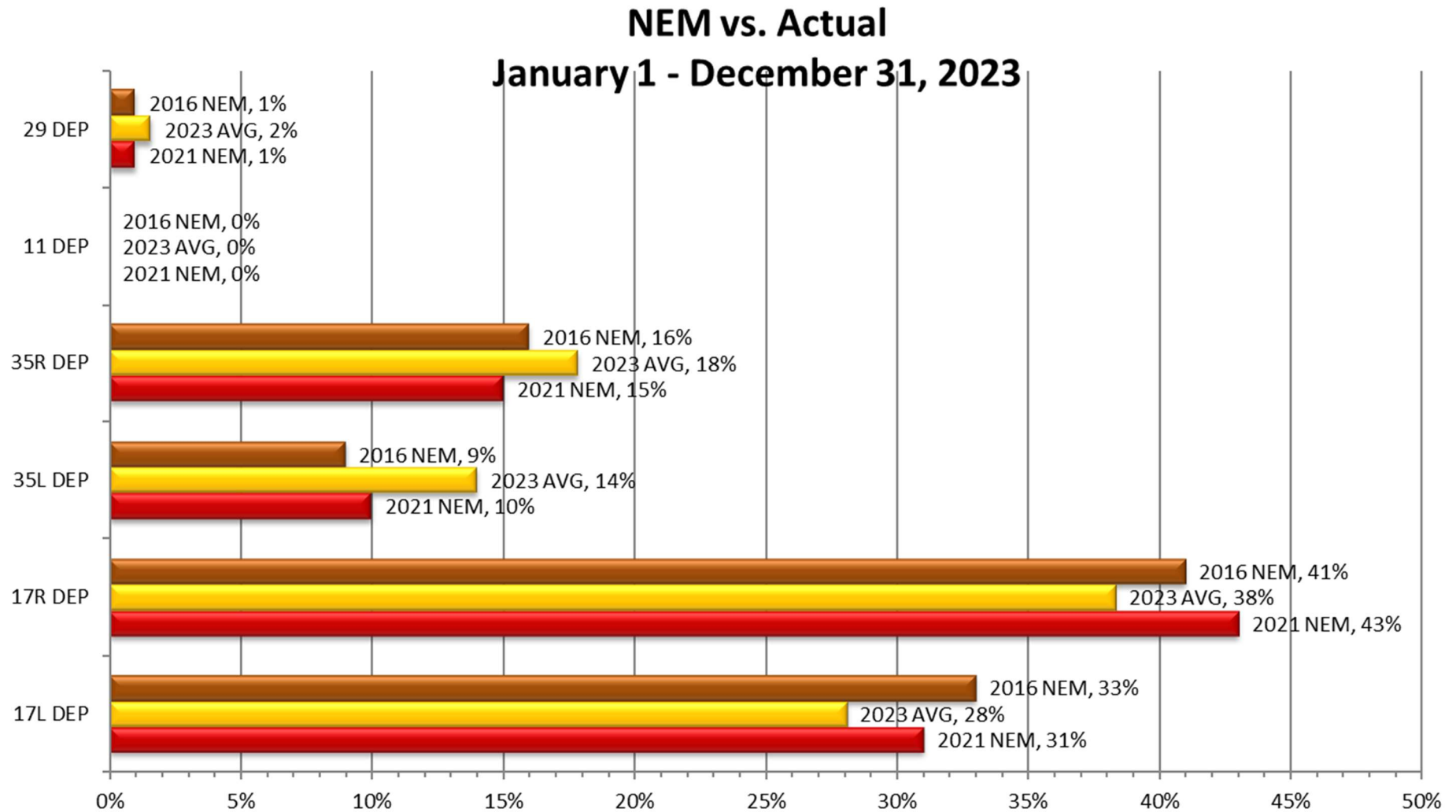
Day	Date	Time	Comment
Fri	01-Dec-23		
Sat	02-Dec-23		
Sun	03-Dec-23	0130-0430	Reason not documented
Mon	04-Dec-23	1530-1930	wind 35008KT
Tue	05-Dec-23		
Wed	06-Dec-23		
Thu	07-Dec-23		
Fri	08-Dec-23		
Sat	09-Dec-23		
Sun	10-Dec-23		
Mon	11-Dec-23	0500-0830	wind 32007KT. Low ceilings/visibility.
Tue	12-Dec-23		
Wed	13-Dec-23		
Thu	14-Dec-23		
Fri	15-Dec-23		
Sat	16-Dec-23		
Sun	17-Dec-23		
Mon	18-Dec-23		
Tue	19-Dec-23		
Wed	20-Dec-23		
Thu	21-Dec-23	0900-1130	Forcasted wind 17007KT, volume.
Fri	22-Dec-23		
Sat	23-Dec-23		
Sun	24-Dec-23		
Mon	25-Dec-23	0900-1030	wind 12008KT
Tue	26-Dec-23		
Wed	27-Dec-23		
Thu	28-Dec-23		
Fri	29-Dec-23		
Sat	30-Dec-23		
Sun	31-Dec-23		

Runway Use (SDF Arrivals)

NEM vs. Actual January 1 - December 31, 2023



Runway Use (SDF Departures)



Gate Compliance by Runway

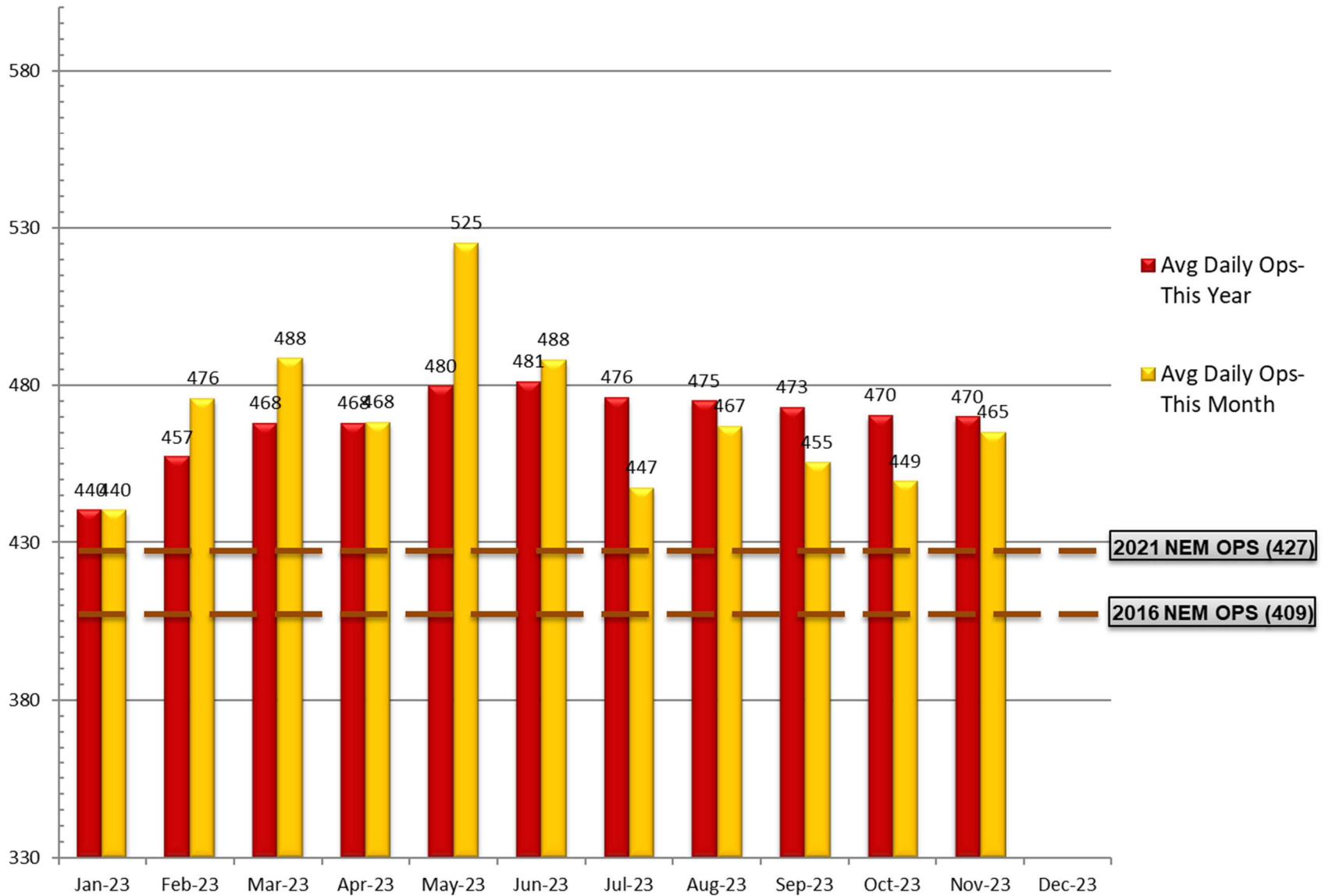
As of December 31, 2023

Month	ARRIVALS Percent Compliant					Departure Percent Compliant				
	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Jan-22	90%	96%	93%	91%	93%	74%	90%	74%	87%	81%
Feb-22	91%	96%	93%	90%	93%	64%	89%	71%	81%	76%
Mar-22	91%	96%	93%	91%	93%	72%	88%	74%	84%	80%
Apr-22	94%	95%	92%	91%	93%	75%	90%	68%	73%	77%
May-22	93%	95%	93%	93%	94%	75%	86%	74%	83%	80%
Jun-22	92%	92%	90%	91%	91%	78%	91%	68%	85%	81%
Jul-22	94%	95%	93%	94%	94%	77%	88%	66%	88%	80%
Aug-22	93%	93%	94%	94%	94%	81%	88%	70%	89%	82%
Sep-22	93%	93%	92%	93%	93%	88%	91%	71%	87%	84%
Oct-22	93%	95%	93%	92%	93%	80%	90%	68%	87%	81%
Nov-22	93%	96%	94%	92%	94%	83%	90%	73%	84%	83%
Dec-22	95%	96%	94%	93%	95%	73%	89%	74%	84%	80%
Jan-23	95%	97%	95%	94%	95%	70%	88%	65%	86%	77%
Feb-23	92%	95%	94%	92%	93%	69%	83%	64%	80%	74%
Mar-23	95%	96%	93%	93%	94%	69%	83%	68%	82%	76%
Apr-23	94%	95%	92%	92%	93%	77%	86%	70%	85%	80%
May-23	93%	95%	92%	93%	93%	82%	85%	72%	85%	81%
Jun-23	94%	93%	94%	95%	94%	86%	84%	70%	89%	82%
Jul-23	93%	97%	93%	92%	94%	79%	85%	70%	88%	81%
Aug-23	94%	97%	94%	93%	95%	70%	76%	72%	90%	77%
Sep-23	92%	93%	91%	92%	92%	78%	85%	70%	93%	82%
Oct-23	94%	95%	93%	92%	94%	75%	88%	76%	83%	81%
Nov-23	92%	94%	94%	92%	93%	73%	89%	75%	85%	81%
Dec-23	94%	97%	95%	92%	95%	70%	89%	68%	88%	79%
24 Month Avg.					93%					80%

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

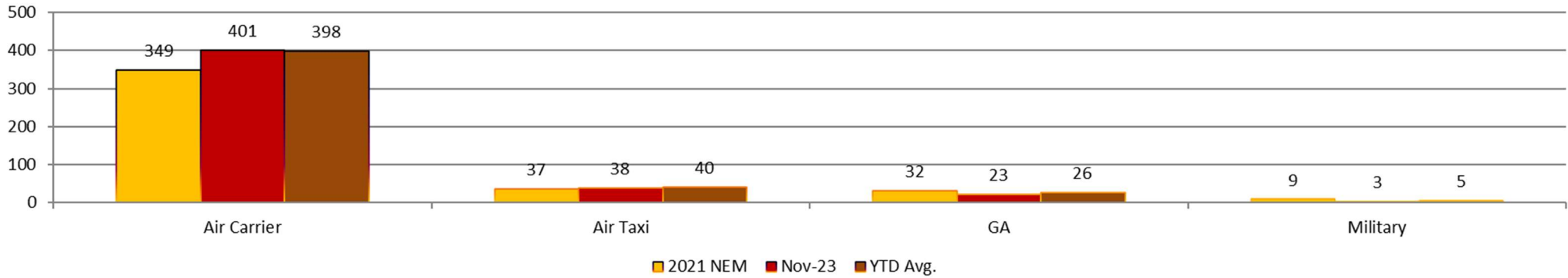
Operations (SDF)

As of November 30, 2023



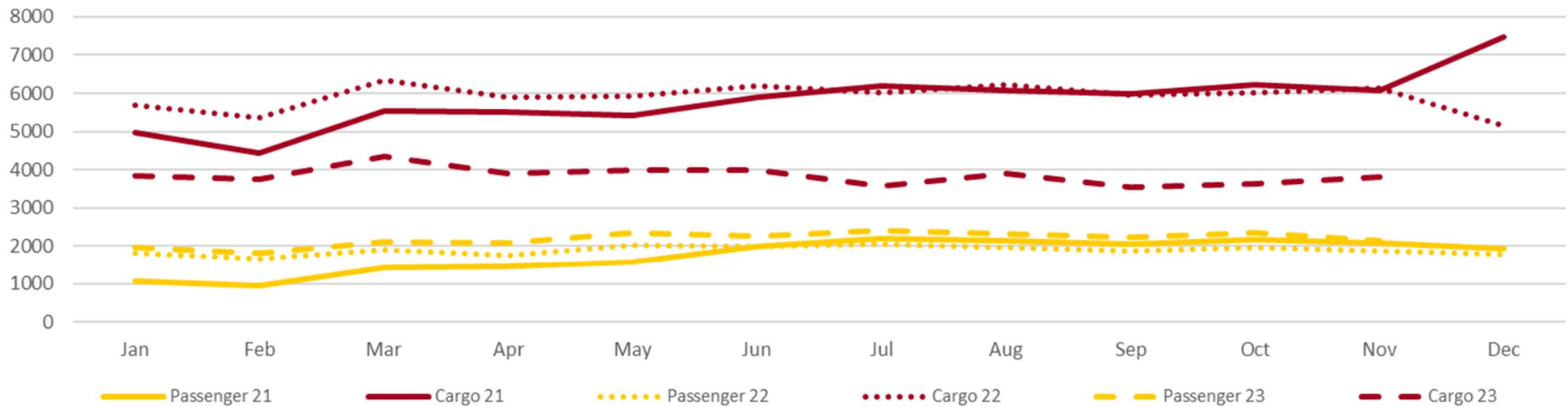
Operations and Landings (SDF)

Average Day Operations by Category

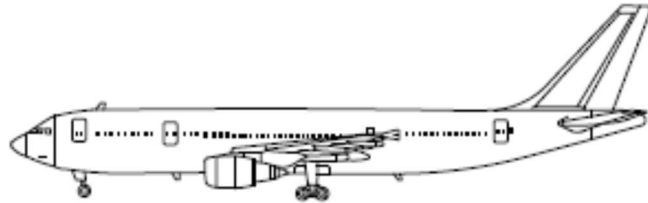


- **Air Carrier.** (AC) Aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds, carrying passengers or cargo for hire or compensation. This includes US and foreign-flagged carriers.
- **Air Taxi.** (AT) Aircraft designed to have a maximum seating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

Monthly Landings



Sample Aircraft Types (SDF)



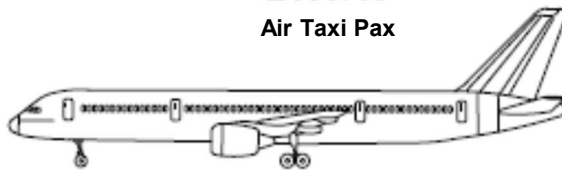
A300
Air Carrier Cargo



B767
Air Carrier Cargo



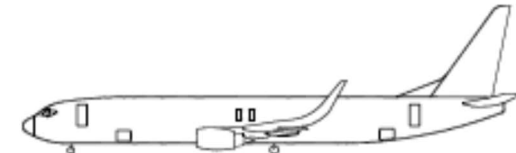
E135/45
Air Taxi Pax



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