

****SPECIAL MEETING****

**Community Noise Forum
Monday, September 21, 2020
Agenda**

- I. Call to order: 6:00 PM
- II. Minutes: July 27, 2020
- III. Airspace Project Update
- IV. Part 150 NCP
 - A. Noise Insulation Program
 - B. Contrflow 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: November 23, 2020
- IX. Adjournment

COMMUNITY NOISE FORUM (CNF)

Monday, July 27, 2020

Members

John Sistarenik, ANA
John Greathouse, Southwest
Jonathan Bonds, UPS
Aaron Rosenblum, Northeast
Tom Foote, Airline Affairs

Brian Sinnwell, LRAA
Mary Rose Evans, LRAA Board
Bob Slattery, LRAA
Greg Petto, FAA
Bill Graham, Southwest

Guests

Theresa Clifford, Brooks
Billy Clifford, Brooks

Lisa Willner, State District 35
Tom Schnetzer, Kinley-Horn

- I. **Call to order:** The meeting was called to order at 6:05 p.m. by Tom Foote.
- II. **Minutes:** The May meeting notes were approved as written.
- III. **Noise 101 2.0:** Bob Slattery reviewed the updated Noise 101 presentation with the group. The presentation will be posted on the airport website and be used as the basis for community outreach. Aaron Rosenblum recommended adding Noise Compatibility Planning to “Part 150” on the introduction slide. Tom Foote recommended updating the noise level slide by removing outdated aircraft types and replacing them with aircraft that more closely represent the current fleet mix. After making suggested changes the group agreed with posting the presentation on the airport website.
- IV. **Airspace Project Update:** Jonathan Bond updated the group on the current status of the airspace project. The project is moving forward however, things have slowed down due to the FAA only meeting remotely. The first round of simulation trials have been completed. It does appear at this point the procedures will be able to meet CNF expectations by keeping north and south departures within the current noise mitigated corridors. There is not a current timeline on when the procedures could be approved and handed off to the production side for the environmental portion. Jonathan’s guess is that it could be approximately 2 years before you would see any changes in the departure procedures.
- V. **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. Pre-Acoustical testing for 32 families was completed in June. Pre testing has been completed for 163 families. Currently 85% of the families tested to date have an interior noise level of 45 dB or greater. We are currently finalizing the designs for the first group of 32 families. Designs for 45

additional families began on July 13. **UofL** – 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). Post acoustical testing was successfully completed in June for the first group. Bids were solicited for the second group of 2 buildings (Ernst Hall and Interfaith Center) in March. Two bids were received however; both were determined to be non-responsive. Baptist Student Union was added to the bid package and the project was re-bid in June. The contract was awarded at the July board meeting.

- B. Contraflow Exceptions:** Contraflow for May was 71% for arrivals from the south and 90% for departures to the south. In June, arrivals from the south were 69% and departures to the south were 88%. Daily summary's for each month is contained in the handout. Year to date arrivals from the south are 68% and departures to the south are 73%. A monthly summary going back 8 years is included in the handout.

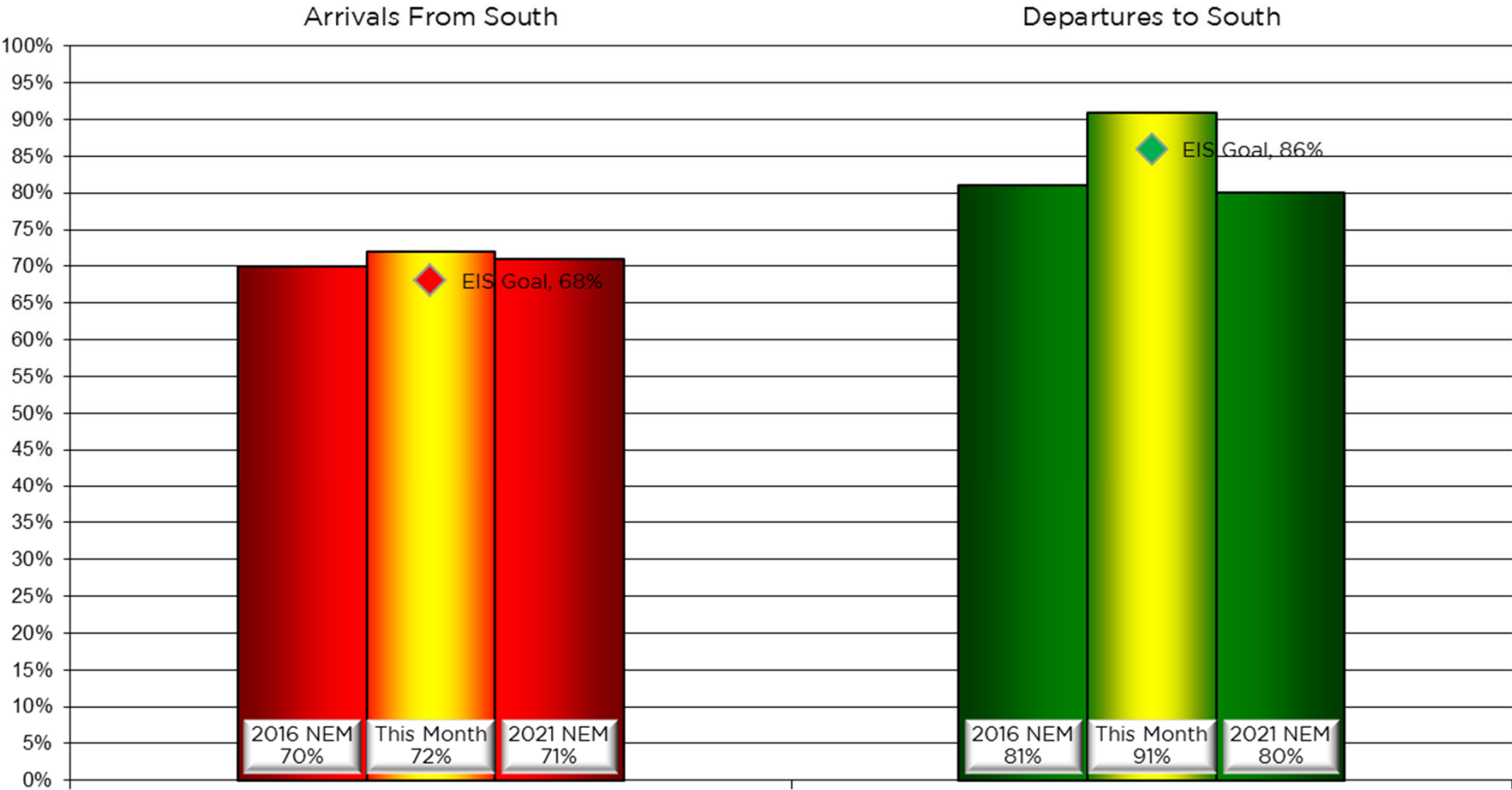
VI. Current Noise Concerns:

- A. Report on Noise Concerns/Complaints:** A total of 13 comments were received in May. In June, a total of 15 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. John Sistarenik recommended separating cargo and passenger aircraft operations in order to get a better idea of their relative contributions. Bob explained that it could be difficult based on how the numbers are reported by the FAA however; he will look into possible ways of breaking those out. Tom Foote said that all airlines report the number of landings each month however, increased volume does not necessarily equate to more flights.
- C. Construction and Maintenance Activity:** Brian Sinnwell reported that the west runway project has been completed for this year. Work is currently ongoing on taxiway "G" and should go through at least December. Work will begin on the east runway in mid-August which could result in weekend closures on the east side through the first of November. Work will also begin on Engineered Material Arresting System (EMAS) on the crosswind runway in August. **Master Plan Update** – Brian introduced Mr. Tom Schnetzer of Kinley-Horn who is the project manager of the Master Plan project. Tom gave a presentation on the Master Plan and updated the group on the project status. Mary Rose asked if part of the environmental work for taxiway "C" would include noise impacts. Tom replied that it would be included in the NEPA process however, we are not sure at this point what exactly that would include. Mary Rose also asked if the work in the Northwest quadrant was included in the Master Plan work or was that being done separately. Tom Foote replied that design work is currently ongoing for a two bay maintenance hangar

initially. Mary Rose asked if they are looking at noise mitigation during the design phase of the hangar. Brian said initial modeling has been done for the area and we understand how the noise goes and how it gets there. The hangar will be a partial noise barrier however, there will need to be some infill between the hangar and other areas. Looking at the noise impacts is definitely part of the project as we move forward. Aaron Rosenblum commented that he would like to see more direct community outreach with local community groups as the project moves on.

- VII. Guest Comments:** Representative Willner asked how much the FAA Noise Complaint Portal is being utilized and how that information gets back to the airport. Bob responded that he was not aware how much the portal is being utilized. He spoke with the FAA and they said they would notify the Airport Authority if they received airport related comments associated with SDF or LOU. John Sistarenik asked how much the FAA has publicized the portal. Bob replied that he was not aware of any FAA outreach to the general population. Theresa Clifford asked if complaints were weighted according to number of calls from each complainant. Bob replied that the comments were not weighted by the number of calls. Each comment received is listed individually. Ms. Clifford also asked Tom Schnetzer how individuals were selected for the Master Plan surveys. Tom replied that 500 people were interviewed by phone and they were selected randomly and the comments were broken out by zip code.
- VIII. Announcements:** Mary Rose announced that Mike Zanone has resigned from the CNF and that ANA will be looking for a replacement for the northwest quadrant representative. John Sistarenik and the CNF would like to thank Mike for his many years of service to the CNF and the Saint Joseph Neighborhood. The CNF would also like to wish him well in all future endeavors.
- IX. Next Meeting:** September 21, 2020
- X. Adjournment:** A motion was made to adjourn the meeting at 7:50 p.m.

**Monthly Contraflow
July 1-31, 2020**



Nightly Runway Use Summary - July 2020

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

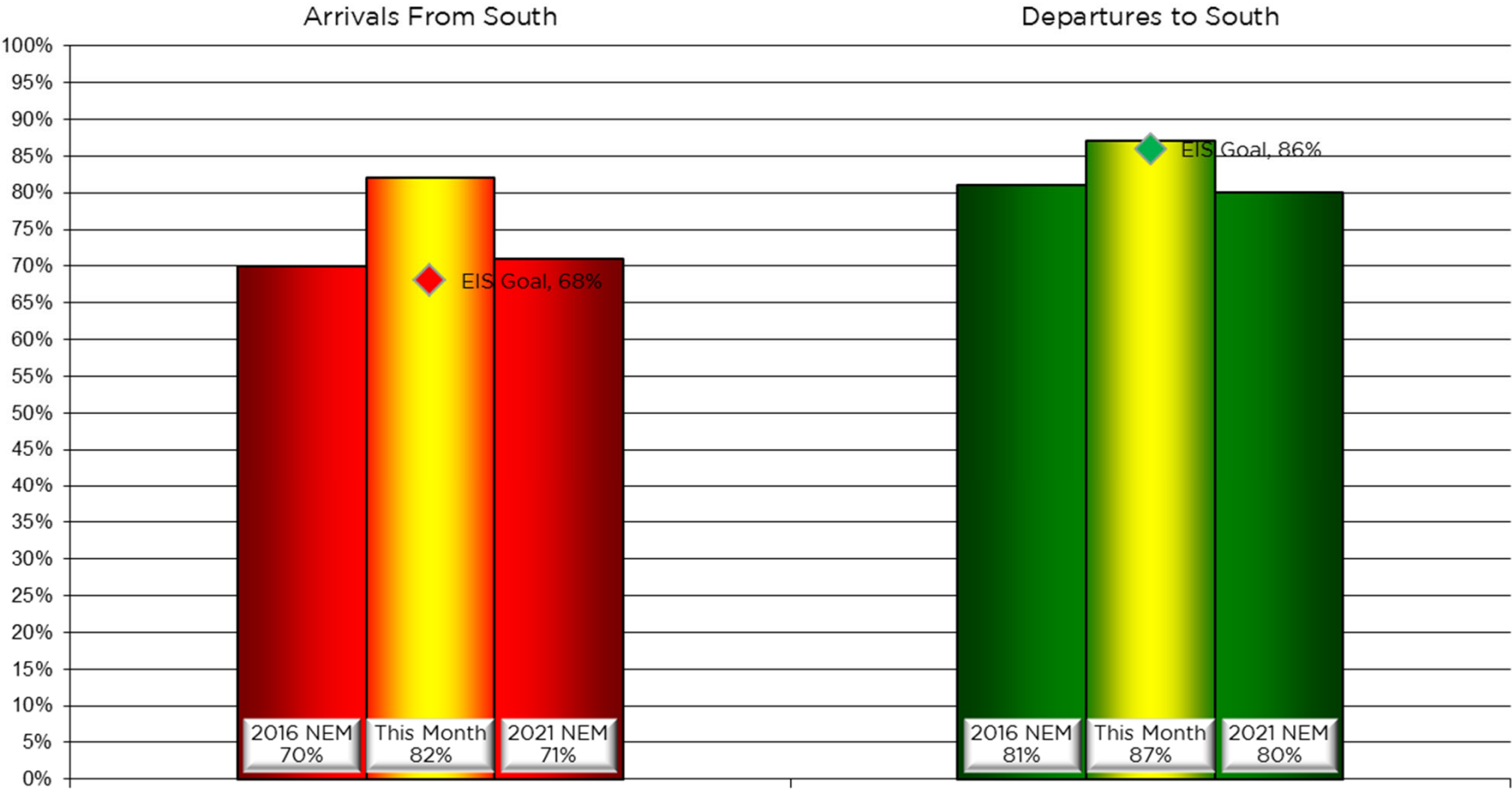
		% of all arrivals from the south										% of all departures to the south												
Date	Day	* in	Runway#							Unknown	Notes /		** in	Runway#							Unknown	Notes /		
		compliance	11	17L	17R	29	35L	35R	Runway	Use				Comments	compliance	11	17L	17R	29	35L	35R			Runway
07/01/20	Wed	93%			2	5		64	29	0			90%			37	53			5	5	0		
07/02/20	Thu	94%				6		64	30	0			91%			40	51			5	4	0		
07/03/20	Fri	78%			2	20		63	15	0			81%			25	56			13	6	0	330-350@3-5kts, ops	
07/04/20	Sat																							
07/05/20	Sun																							
07/06/20	Mon	13%			26	61		9	4	0	100-170@8-17kts		100%			41	59					0		
07/07/20	Tue	64%			12	24		44	20	0	140-200@5-19kts,ts		98%			38	60			1	1	0		
07/08/20	Wed	93%			1	6		63	30	0			91%			36	55			5	4	0		
07/09/20	Thu	96%			1	3		64	32	0			89%			39	50			7	4	0		
07/10/20	Fri	95%			1	4		67	28	0			91%			35	56			5	4	0		
07/11/20	Sat																							
07/12/20	Sun																							
07/13/20	Mon	97%			1	2		68	29	0			84%			40	44			11	5	0	ops	
07/14/20	Tue	85%			4	11		57	28	0			92%			38	54			4	4	0		
07/15/20	Wed	0%			41	59				0	150-200@5-12kts		100%			43	57					0		
07/16/20	Thu	96%				4		63	33	0			88%			36	52			7	5	0		
07/17/20	Fri	90%			3	7		55	35	0			92%			37	55			4	4	0		
07/18/20	Sat																							
07/19/20	Sun																							
07/20/20	Mon	96%			2	2		58	38	0			92%			37	55			4	4	0		
07/21/20	Tue	19%			27	54		14	5	0	200-270@3-14kts,g24,ts		72%			37	35			23	5	0	110-350@4-8kts	
07/22/20	Wed	0%			31	69				0	200-240@5-9kts		100%			40	60					0		
07/23/20	Thu	97%			1	2		66	31	0			84%			32	52			12	4	0	ops	
07/24/20	Fri	96%			1	3		67	29	0			94%			36	58			3	3	0		
07/25/20	Sat																							
07/26/20	Sun																							
07/27/20	Mon	96%			1	3		69	27	0			91%			38	53			4	5	0		
07/28/20	Tue	98%				2		69	29	0			92%			33	59			4	4	0		
07/29/20	Wed	99%			1			68	31	0			88%			31	57			8	4	0		
07/30/20	Thu	71%			10	19		49	22	0			89%			38	51			8	3	0		
07/31/20	Fri	0%			39	61				0	100-180@4-6kts, ra		100%			30	70					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, 2020



Nightly Runway Use Summary - August 2020

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

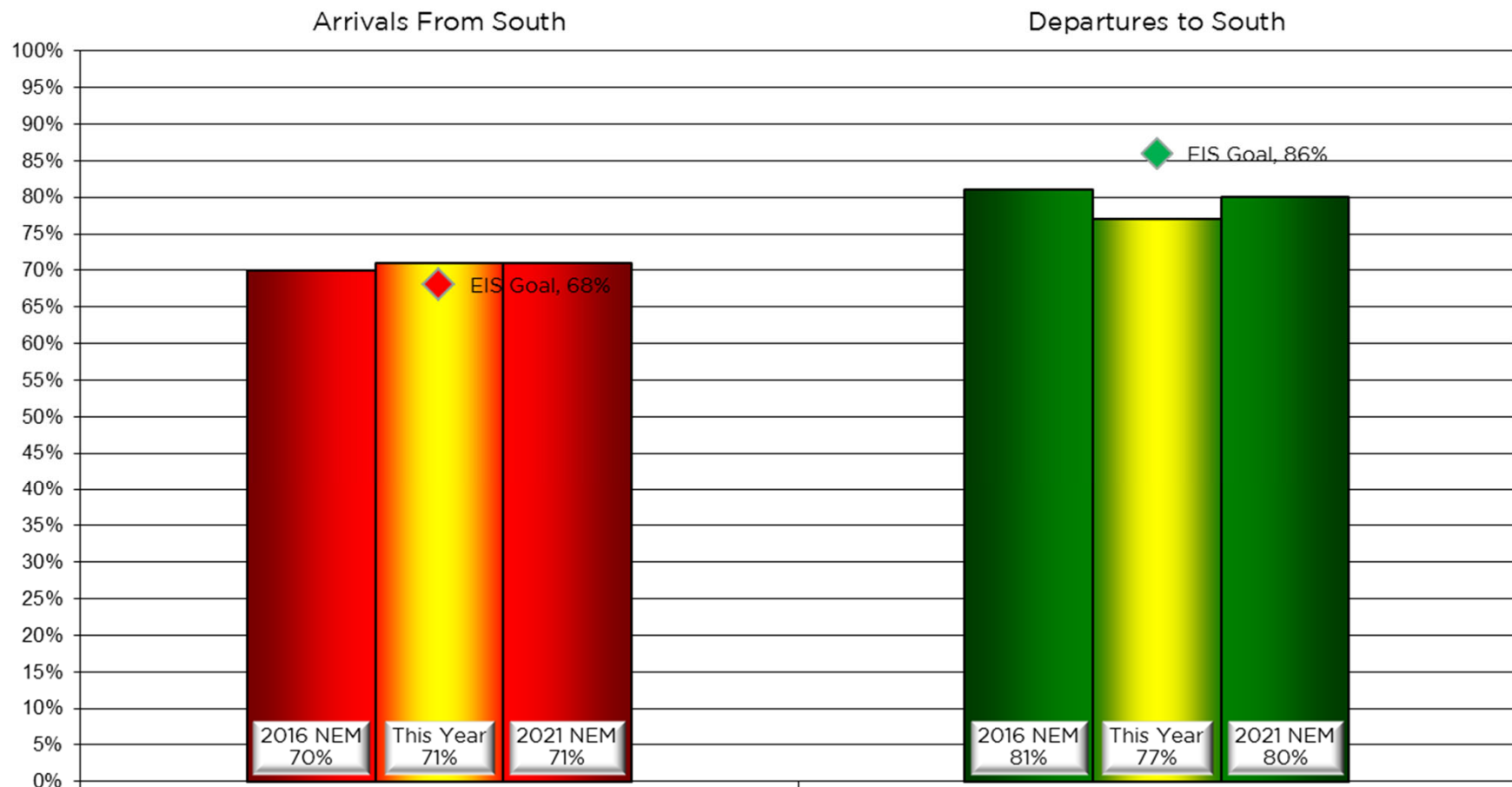
		% of all arrivals from the south										% of all departures to the south									
Date	Day	Unknown										Unknown									
		* in compliance	Runway #						Runway	Notes / Comments	** in compliance	Runway #						Runway	Notes / Comments		
			11	17L	17R	29	35L	35R	Use				11	17L	17R	29	35L	35R	Use		
08/03/20	Mon	96%			1	3		63	33	0		89%			32	57		7	4	0	
08/04/20	Tue	98%				2		69	29	0		88%			33	55		9	3	0	
08/05/20	Wed	95%			2	3		65	30	0		91%			36	55		5	4	0	
08/06/20	Thu	95%			1	4		68	27	0		85%			34	51		9	6	0	ops
08/07/20	Fri	94%			2	4		66	28	0		91%			32	59		2	7	0	
08/08/20	Sat																				
08/09/20	Sun																				
08/10/20	Mon	97%			1	2		57	40	0		92%			29	63		4	4	0	
08/11/20	Tue	96%			1	3		62	34	0		87%			33	54		7	6	0	
08/12/20	Wed	98%			1	1		67	31	0		86%			34	52		7	7	0	
08/13/20	Thu	99%			1			67	32	0		1%				1		57	42	0	290-040@5-12kts,ts
08/14/20	Fri	95%			2	3		68	27	0		93%			34	59		3	4	0	
08/15/20	Sat																				
08/16/20	Sun																				
08/17/20	Mon	95%			1	4		68	27	0		91%			38	53		7	2	0	
08/18/20	Tue	98%			1	1		67	31	0		85%			31	54		7	8	0	ops
08/19/20	Wed	97%			1	2		72	25	0		92%			34	58		4	4	0	
08/20/20	Thu	97%			0	3		64	33	0		85%			31	54		9	6	0	ops
08/21/20	Fri	93%			2	5		69	24	0		93%			28	65		5	2	0	
08/22/20	Sat																				
08/23/20	Sun																				
08/24/20	Mon	93%			1	6		64	29	0		92%			33	59		5	3	0	
08/25/20	Tue	96%			2	2		71	25	0		91%			33	58		4	5	0	
08/26/20	Wed	0%			35	65				0	180-220@5-8kts	100%			36	64				0	
08/27/20	Thu	0%			31	69				0	120-180@4-8kts,ra	100%			37	63				0	
08/28/20	Fri	0%			32	68				0	130-290@4-9kts,ra	100%			39	61				0	
08/29/20	Sat																				
08/30/20	Sun																				
08/31/20	Mon	97%			1	2		67	30	0		92%			32	60		7	1	0	

Preferred Flow

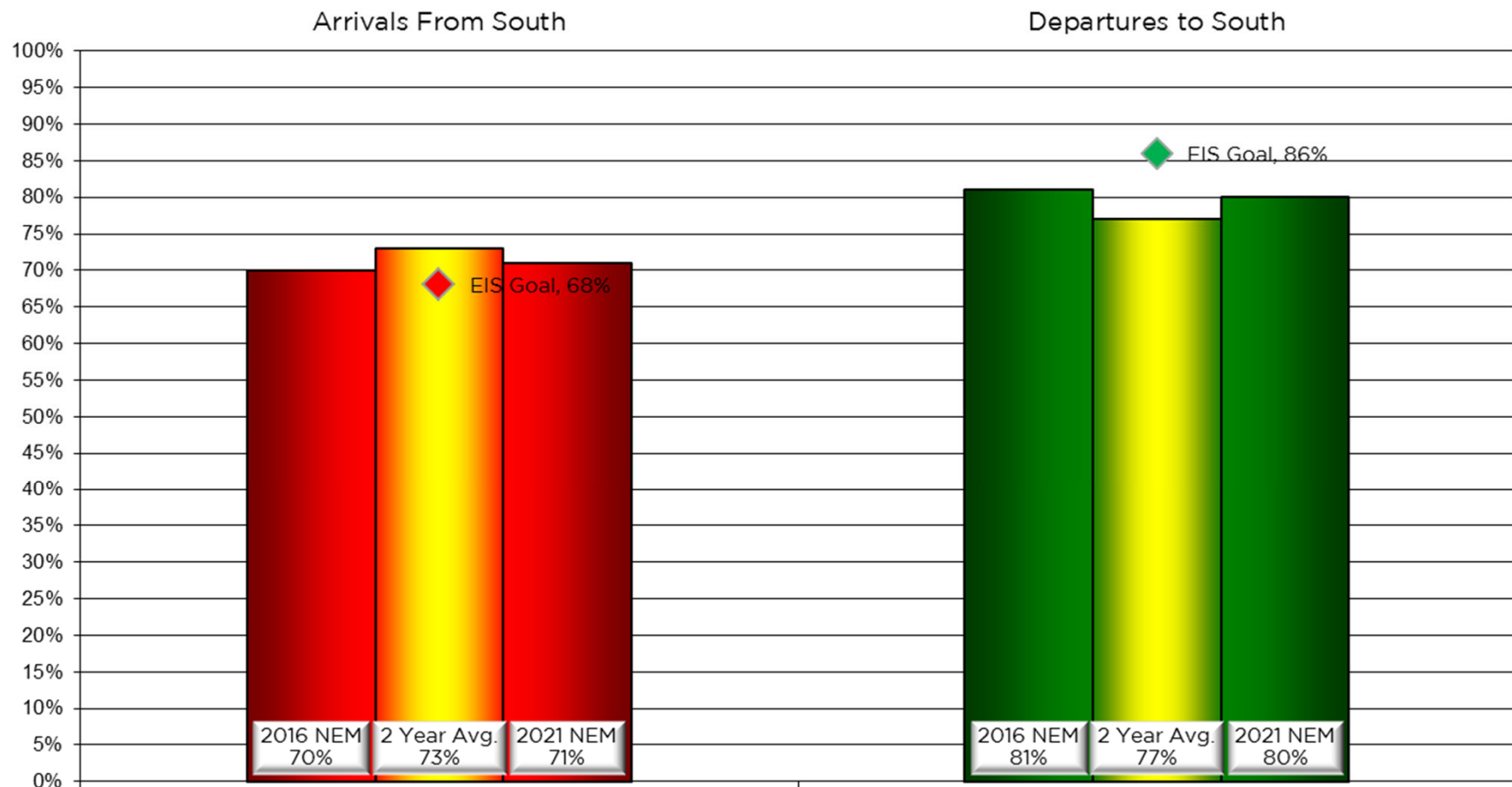
DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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

Contraflow This Year As of September 4, 2020



Contraflow 2 Year Average September 2018 - August 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%		82%	Sep	87%	86%	73%	93%	31%	87%	77%		78%
Oct	87%	75%	86%	81%	81%	77%	79%		79%	Oct	89%	79%	74%	81%	82%	76%	78%		80%
Nov	73%	78%	59%	74%	69%	76%	70%		73%	Nov	83%	62%	88%	77%	75%	54%	72%		74%
Dec	58%	78%	55%	75%	74%	72%	76%		69%	Dec	71%	68%	79%	62%	74%	61%	72%		69%
Avg	73%	70%	71%	74%	73%	72%	74%	71%		Avg	82%	81%	79%	79%	74%	75%	79%	77%	

NOISE COMMENT REPORT

LOUISVILLE REGIONAL AIRPORT AUTHORITY



July 2020

Comments (SDF/LOU)

July 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)	2020-07-02 04:19:00	2020-07-02 02:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	The planes have been waking us up again. At 2:00 a.m. this morning they shook the house.
Parkway Dr	40217	NE (65+)	2020-07-02 10:33:00	2020-07-02 10:33:00	SDF	Other	Investigated	Standard	None	I have property on Parkway Drive. I was informed last year that this residence is now included in the flight path zone and I would be contacted for an inspection of the house. It is rental property and the tenants may not have known to provide me any mail that may have come to that address. What is the status of inspection? I have been to the house and cannot stand outside and talk when a plane is coming in.
Holsclaw Hill Rd	40109	SW (60-65)	2020-07-02 15:44:00	2020-07-02 15:38:00	SDF	Aircraft Too Low	Investigated	Standard	None	It is 3:38 Thursday afternoon. I have been home for half the day and we have a lot of planes flying over. Had a 2 engine jet one fly over low and a 4 engine jet fly over super low.
W Lee St	40208	NW (60-65)	2020-07-07 10:09:00	2020-07-06 19:00:00	SDF	Too Much Noise	Investigated	Standard	None	My wife and I attended one of the public noise meetings in May. Since then, we have paid more and more attention to what is going on with the air traffic above our home? Specifically, last night was unbearable and the noise is so loud outside that we can't enjoy a BBQ. I also work on our 3rd floor and find that I must keep my speaker on mute during meetings to avoid interruption. As such, I would like to know what we can do to submit an independent noise study of our home to validate that we exceed the noise parameter threshold that this program has established? It really is preventing us from enjoying our home and we feel that is getting worse rather than better.

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)

July 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)	2020-07-07 04:01:00	2020-07-07 03:56:00	SDF	Noise At Wrong Time	Investigated	Standard	None	At 3:56 a.m. the airplanes woke us up and woke up the kids.
Holsclaw Hill Rd	40109	SW (60-65)	2020-07-09 04:28:00	2020-07-09 04:28:00	SDF	Too Much Noise	Investigated	Standard	None	It is a little after 4:00 a.m. the airplanes are waking us up again. We are all awake. 67 dB inside. Holsclaw Hill is getting hammered by the airplanes.
E Burnett Ave	40217	NE (60-65)	2020-07-09 11:02:00	2020-07-09 11:02:00	SDF	Other	Investigated	Standard	None	The police helicopter keeps following me and flying around our house and harassing us. Can you do something about that?
S 5th St	40214	NW (<60)	2020-07-12 16:15:00	2020-07-12 16:15:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Weather	I have complained about this several times. These planes taking off on the west side runway going north. They go right over my house. I am not in any flight path. If this continues to happen I expect my house to be insulated like the other ones you have done. Now all of a sudden you can't do any more, this is bull. You can call me back if you want to.
Holsclaw Hill Rd	40109	SW (60-65)	2020-07-18 05:08:00	2020-07-18 05:08:00	SDF	Too Much Noise	Investigated	Standard	None	It is 5:00 a.m. Holsclaw getting hammered. I saw a new noise ordinance; it looks like we might be in the 65 corridor. Give me a call when you get this message.
W. Ormsby	40203	NW (60-65)	2020-07-20 16:39:00	2020-07-20 16:39:00	SDF	Noise At Wrong Time	Investigated	Standard	None	We have talked several times in the past. I would like to talk with you about the airplanes that go over my house on Sunday mornings.
Mitchell Hill Rd	40118	SW (<60)	2020-07-20 18:35:00	2020-07-20 18:29:00	SDF	Aircraft Too Low	Investigated	Non-Standard	Ops	At 6:29 p.m. a UPS plane flew over the main intersection in Fairdale, north of my house on Mitchell Hill Road. The plane was very low.

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Comments (SDF/LOU)

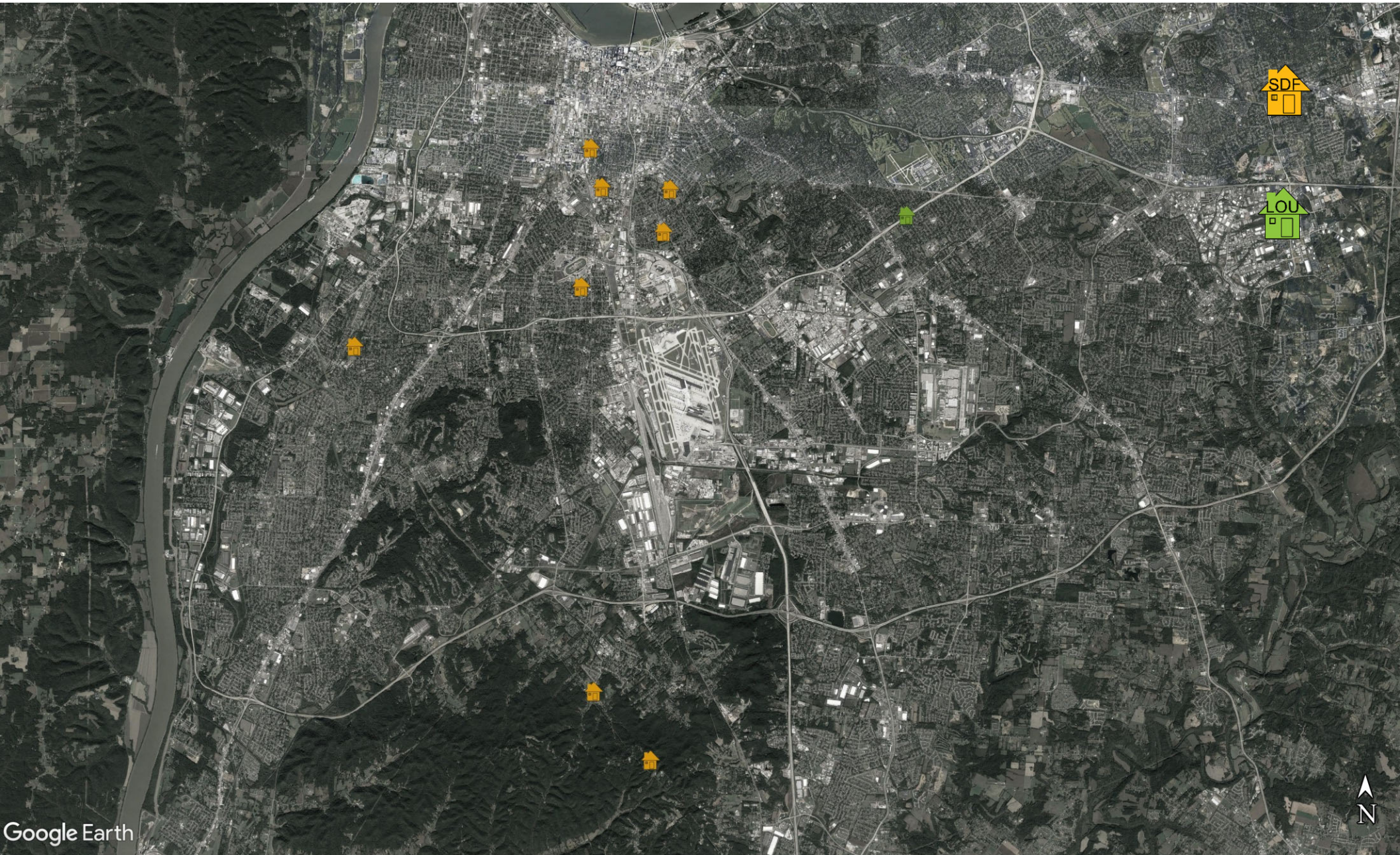
July 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Benoch Ave	40216	SW (<60)	2020-07-24 16:54:00	2020-07-24 04:00:00	SDF	Aircraft Off Course	Investigated	Standard	None	I am calling to find out if the flight paths had changed or something. I noticed a large amount of noise this morning, July 24 between 4-5:30 a.m.
S 5th St	40214	NW (<60)	2020-07-24 17:15:00	2020-07-24 17:15:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Weather	It is 5:15 p.m. on Friday afternoon. I am not in the flight path of any airlines. I just had 3 UPS airplanes fly directly over my house and they are not supposed to be over here. I would appreciate a call back. I want an explanation on why I am not getting my house insulated like you did Audubon Park over there. This is getting ridiculous that you people don't call me back.
Bon Air Ave	40250	NE (N/A)	2020-08-03 17:43:00	2020-07-29 08:21:00	LOU	Other	Investigated	Standard	None	What steps do I need to take to have the training flight pattern changed and not constantly flying over my home?
							Received	LRAA	14	

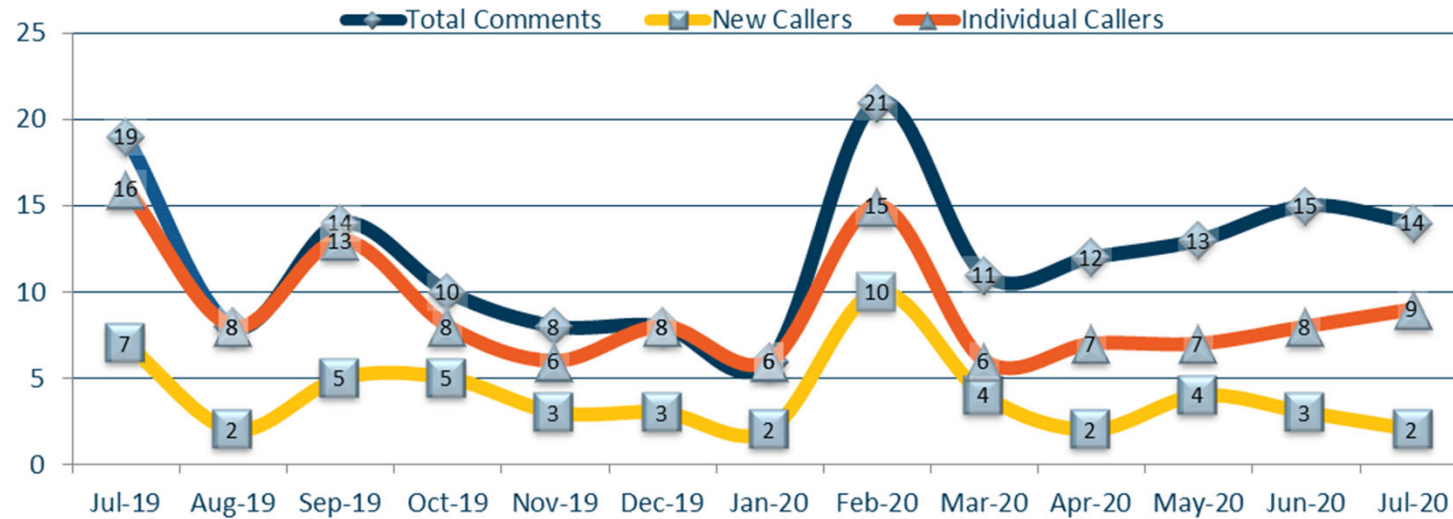
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Comment Location (SDF/LOU)

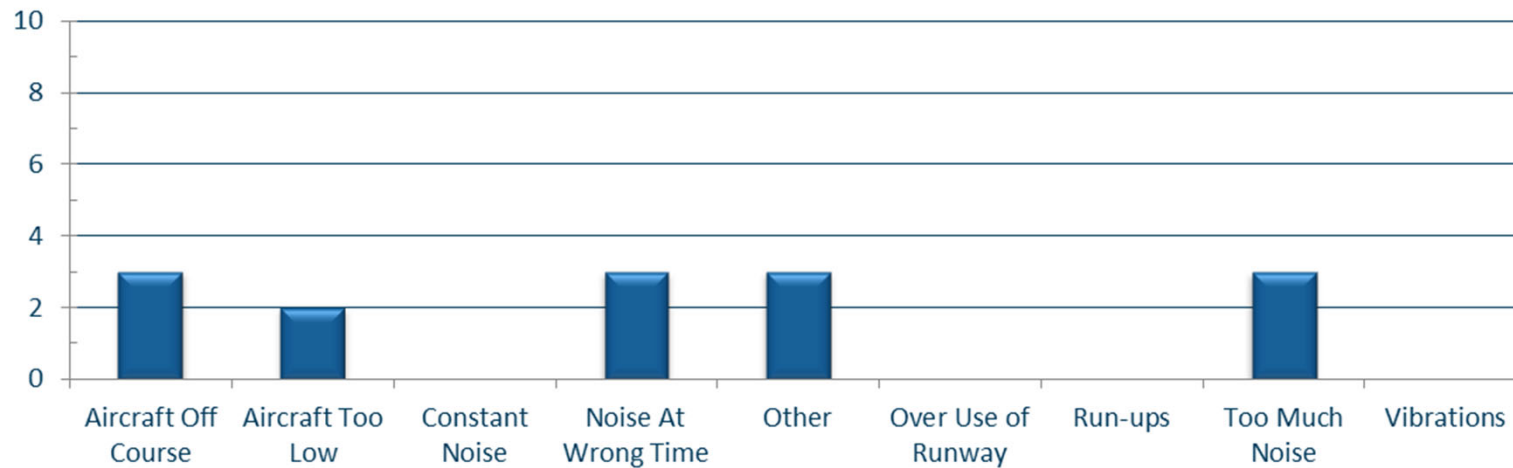
July 2020



New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU) July 2020



NOISE COMMENT REPORT

LOUISVILLE REGIONAL AIRPORT AUTHORITY



August 2020

Comments (SDF/LOU)

August 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
McKinley Ave	40217	NE (<60)	2020-08-03 07:28:00	2020-08-01 12:05:00	SDF	Other	Investigated	Standard	None	I wanted to inquire about eligibility for the Quieter Homes Program. I live on McKinley Avenue and have encountered plane noise since I moved in (January 2018.) Recently, it has gotten much worse - particularly in the later evening/early morning hours. My sleep has been disturbed multiple nights and there are days I have trouble focusing on my work because I am so tired. My house is not far from those currently eligible for the Quieter Homes program - is there an opportunity to expand the area? Is there a way for an individual to apply? I'd appreciate any guidance you can provide.
Holsclaw Hill Rd	40109	SW (60-65)	2020-08-04 04:05:00	2020-08-04 04:00:00	SDF	Too Much Noise	Investigated	Standard	None	Holesclaw Hill Road. It is 4:00 a.m. Nuisance of the planes flying over has woken us all up again.
Holsclaw Hill Rd	40109	SW (60-65)	2020-08-06 04:09:00	2020-08-06 03:30:00	SDF	Noise At Wrong Time	Investigated	Standard	None	About 3:30 this morning the planes woke us up again.
Benoch Ave	40216	SW (<60)	2020-08-06 14:30:00	2020-08-06 04:00:00	SDF	Too Much Noise	Investigated	Standard	None	Last night I could not sleep because of the airplane noise. The planes should go out further before they start their turn to the north.
Southern Pkwy	40214	SW (<60)	2020-08-06 16:38:00	2020-08-06 16:00:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Weather	Multiple planes overhead Southern Pkwy 40214 on August 6th 4-5 p.m.
Lowell Ave	40205	NE (NA)	2020-08-10 09:42:00	2020-08-09 10:00:00	LOU	Noise At Wrong Time	Investigated	Standard	Weather	Why is runway 24 the active runway on a day when there is no wind? They could be departing over a golf course instead of over neighbors.

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)

August 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)	2020-08-12 04:18:00	2020-08-12 04:00:00	SDF	Vibrations	Investigated	Standard	None	Everybody is up on Holesclaw Hill. August the 12th at 4:00 a.m. The planes are shaking the house. This is uncalled for.
Greenup RD	40217	NE (<60)	2020-08-14 09:31:00	2020-08-13 17:14:00	SDF	Over Use of Runway	Investigated	Non-Standard	Weather	Just when I thought the UPS bombing raids could not get any worse now they have 2 planes flying over at a time, every 5 seconds. That is what is going on right now. It has been going on for at least an hour. You would actually think that it is dangerous wouldn't you?
Bonnycastle Ave	40205	NE (<60)	2020-08-14 05:57:00	2020-08-14 04:30:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	Why has there been a nonstop barrage of giant UPS planes low-flying over the Highlands since 4:30 this morning? The planes are flying way lower than they should be and are flying in a manner inconsistent with the way they are required to go under the noise abatement program. Several of my neighbors have already commented on our neighborhood site that it has woken them up this morning and has now been constant for an hour and a half. Is this a new flight path and pattern for these planes that is going to be happening now? How is the airport actually making sure that it is compliant with the required decibel guidelines when this happens?
Ellison Ave	40204	NE (<60)	2020-08-14 08:59:00	2020-08-14 04:30:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Weather	A woman in the Highlands said aircraft have been flying overhead every 2 minutes since 4:30 this morning.
S Shelby St	40217	NE (60-65)	2020-08-14 09:34:00	2020-08-14 05:34:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	What is going on at the airport this morning? Does anyone know why the planes are flying a different take off pattern and keeping the Highland residents awake this morning?

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Comments (SDF/LOU)

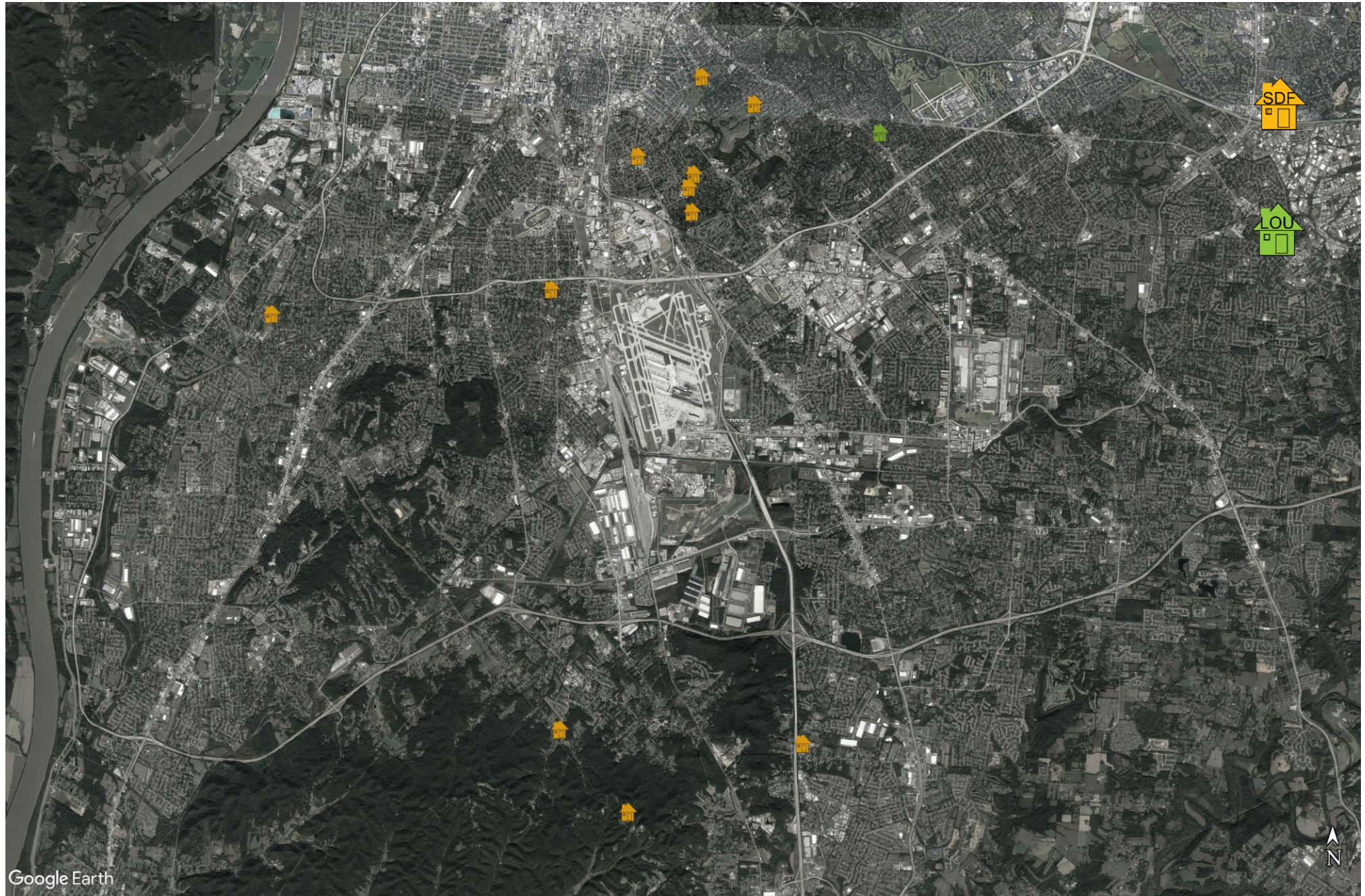
August 2020

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Oriole CT	40213	NE (<60)	2020-08-18 17:28:00	2020-08-18 17:28:00	SDF	Aircraft Off Course	Investigated	Non-Standard	Weather	I live in Audubon Park, and my understanding is the planes are supposed to takeoff south. They are taking off to the north and it is just incredibly loud. It shakes the house, it shakes the windows. I would like to put in a complaint if I can. I don't know what to do.
Holsclaw Hill Rd	40109	SW (60-65)	2020-08-20 04:52:00	2020-08-20 04:52:00	SDF	Aircraft Too Low	Investigated	Standard	None	We just had a Boeing 747 registration number 9615UP go over our house at under 1500'. Why?
Blue Lick Rd	40229	SE (60-65)	2020-08-25 05:58:00	2020-08-25 05:58:00	SDF	Aircraft Off Course	Investigated	Standard	None	Why are the planes flying over my house?
Mitchell Hill Rd	40118	SW (<60)	2020-08-27 18:16:00	2020-08-27 17:58:00	SDF	Aircraft Too Low	Investigated	Non-Standard	Ops	At 5:58 today (8/27/20) a UPS plane flew directly over my house. The plane was so low I could see the doors on the bottom of the fuselage.
							Received	LRAA	15	

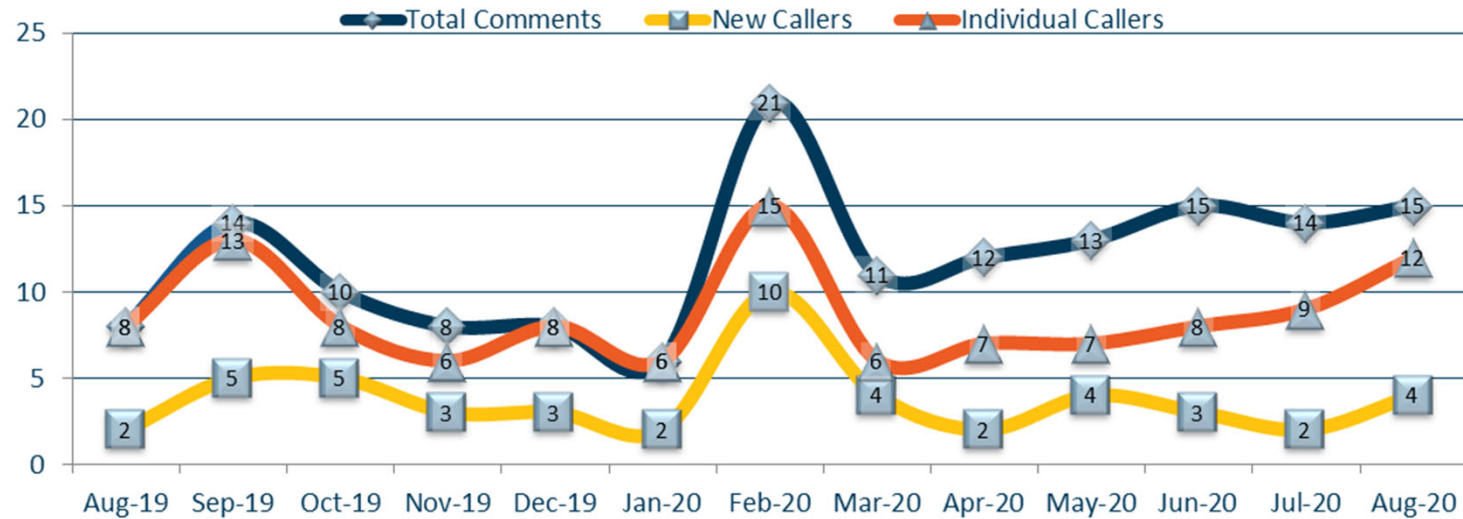
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Comment Location (SDF/LOU)

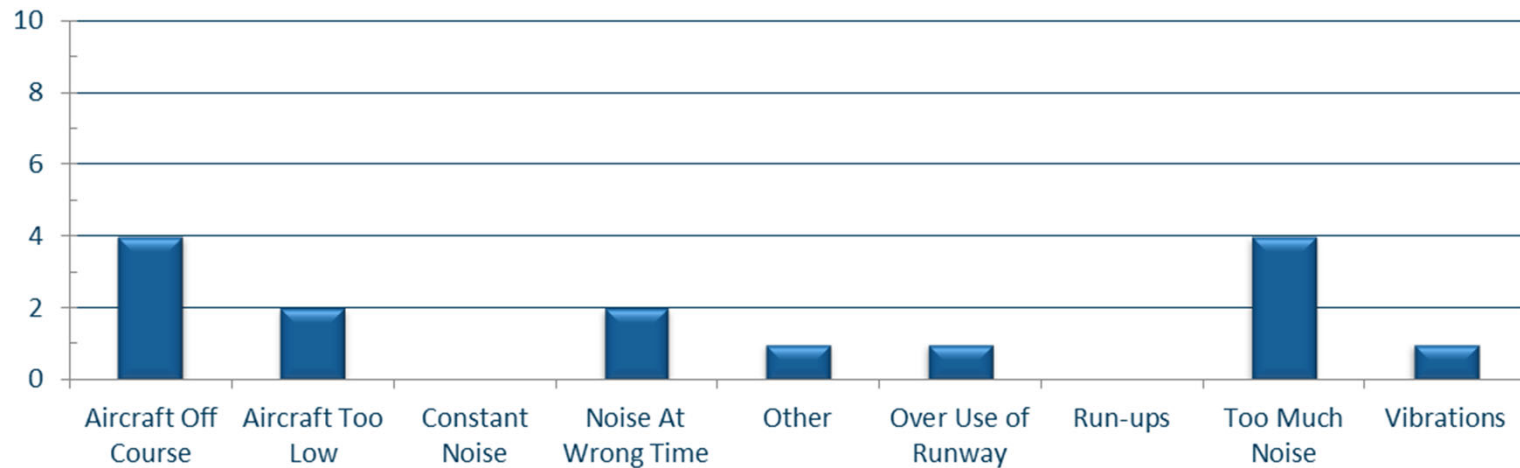
August 2020



New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU) August 2020



Daily Runway Use Uncorrected (SDF) July 2020

Flow	Time	Wed 7/1	Thu 7/2	Fri 7/3	Sat 7/4	Sun 7/5	Mon 7/6	Tue 7/7	Wed 7/8	Thu 7/9	Fri 7/10	Sat 7/11	Sun 7/12	Mon 7/13	Tue 7/14	Wed 7/15	Thu 7/16	Fri 7/17	Sat 7/18	Sun 7/19	Mon 7/20	Tue 7/21	Wed 7/22	Thu 7/23	Fri 7/24	Sat 7/25	Sun 7/26	Mon 7/27	Tue 7/28	Wed 7/29	Thu 7/30	Fri 7/31	Time					
North Flow	0:00																																0:00					
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		Preferred Flow																																				
		DATIS Reported Conditions Indicate Support for Non-Preferred Flow																																				
		DATIS Reported Conditions <u>Do Not</u> Indicate Support for Non-Preferred Flow																																				
		South Flow is Preferred Flow from 09:30 Saturday - 09:30 Monday																																				
		X Complaint																																				
		Source: Louisville International Airport Aircraft Flight Tracking and Noise Management System (AFTNMS)																																				

Daily Runway Use (SDF)

Tower Comments July 2020

Day	Date	Time	Comment
wed	1-Jul-20		
thu	2-Jul-20		
fri	3-Jul-20		
sat	4-Jul-20		
sun	5-Jul-20		
mon	6-Jul-20	0000-0300	Wind 3508
mon	6-Jul-20	1300-1400	Wind 3508 initially then for Aerial Survey Work North of SDF
tue	7-Jul-20		
wed	8-Jul-20	2000-2130	Rem North flow for TS developing NW of SDF w/ +RA
thu	9-Jul-20	2000-2130	North flow due to wind shift outflow from TS in the vicinity
fri	10-Jul-20	2100-2130	Wind 3015G21
sat	11-Jul-20		
sun	12-Jul-20		
mon	13-Jul-20	2100-2130	Wind 0210
tue	14-Jul-20	0930-1100	Log shows North flow @ 0957. Delayed switch due to Flight Check on 17L
wed	15-Jul-20		
thu	16-Jul-20		
fri	17-Jul-20		
sat	18-Jul-20		
sun	19-Jul-20		
mon	20-Jul-20	0630-0900	Wind @ 1000ft 360@20kts
tue	21-Jul-20		
wed	22-Jul-20	2200-0000	FCST wind 2208 and TS
thu	23-Jul-20	0000-0230	TS North of SDF
fri	24-Jul-20	1830-2130	Wind 0110
sat	25-Jul-20	1000-1930	LMPD Helicopter patrolling armed protest downtown
sun	26-Jul-20		
mon	27-Jul-20	0930-1230	Wind 2311
mon	27-Jul-20	1930-2130	3015G28 due to TS outflow
tue	28-Jul-20	1800-2130	Wind 3310
wed	29-Jul-20		
thu	30-Jul-20		
fri	31-Jul-20		

Daily Runway Use Uncorrected (SDF) August 2020

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

DATIS Reported Conditions Indicate Support for Non-Preferred Flow

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

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

X Complaint

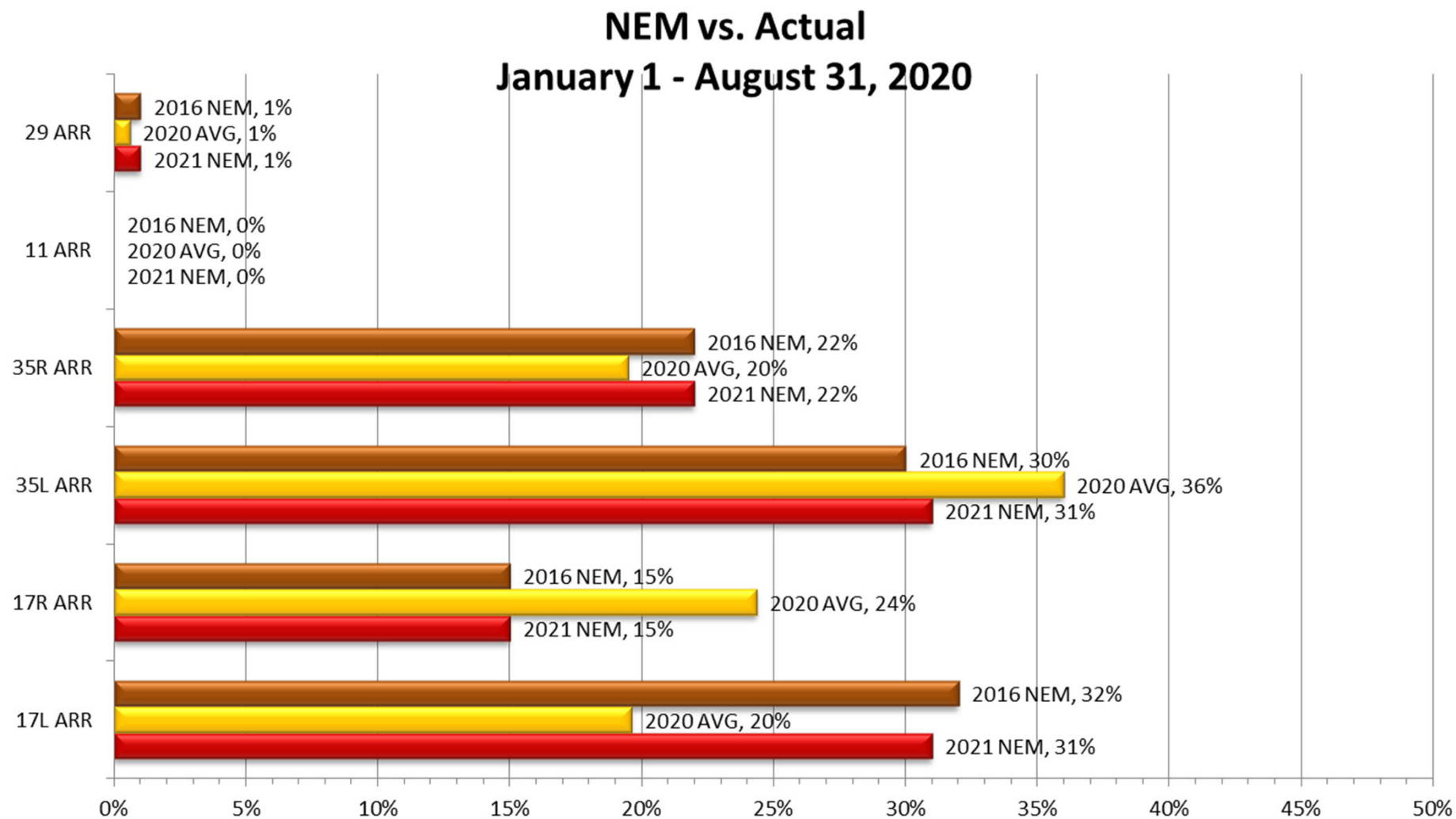
Source: Louisville International Airport
Aircraft Flight Tracking and Noise Management System (AFTNMS)

Daily Runway Use (SDF)

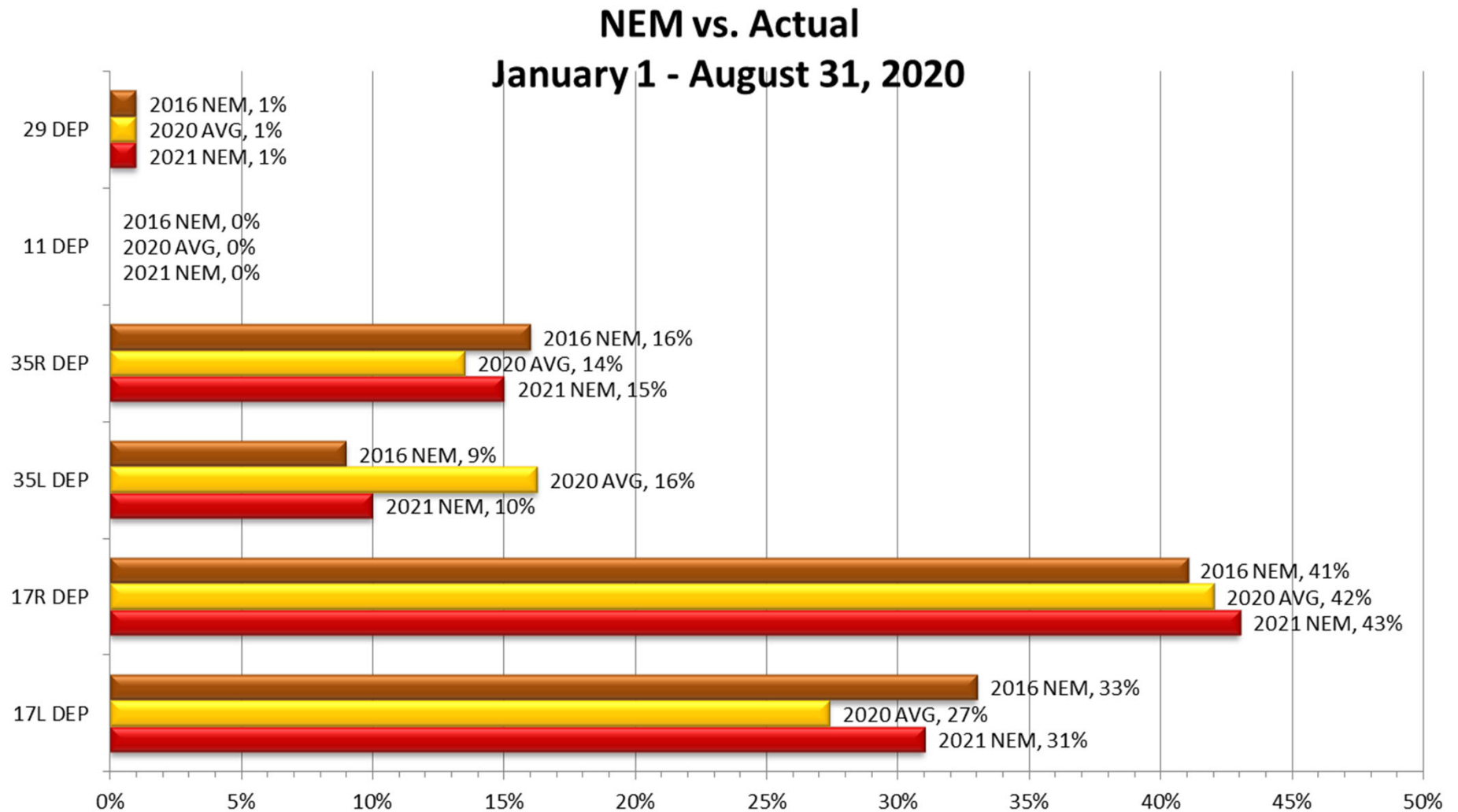
Tower Comments August 2020

Day	Date	Time	Comment
sat	1-Aug-20		
sun	2-Aug-20		
mon	3-Aug-20	0200-1000	Rem North flow for WX North of SDF
tue	4-Aug-20	0930-1030	Late switch for inbound traffic and RWY/TWY closures
tue	4-Aug-20	1600-1830	Late switch due to inbound traffic volume
wed	5-Aug-20		
thu	6-Aug-20		
fri	7-Aug-20		
sat	8-Aug-20		
sun	9-Aug-20		
mon	10-Aug-20		
tue	11-Aug-20	0930-1230	Rem South flow for 35L LOC outage
wed	12-Aug-20	1300-1400	Stayed north flow until arrival push was over and traffic at JVV dissipated
thu	13-Aug-20	0930-1030	Late switch due to inbound traffic volume
fri	14-Aug-20	0930-1230	Rem South flow for WX south of SDF
sat	15-Aug-20		
sun	16-Aug-20		
mon	17-Aug-20	0000-0530	Wind 3206, reason not documented
tue	18-Aug-20		
wed	19-Aug-20	2000-2130	Wind 0210
thu	20-Aug-20		
fri	21-Aug-20	0930-1230	Rem South flow for inbound traffic volume
fri	21-Aug-20	1830-1900	Rem North for forecast wind up to 15kts. Wind 3609.
sat	22-Aug-20		
sun	23-Aug-20	0600-1200	North flow for CAT II/III ops, VIS 1/4SM VV001 FG
mon	24-Aug-20	0930-1030	Late switch for inbound traffic volume
tue	25-Aug-20	0930-1230	Law enforcement helicopter patrolling downtown protest
wed	26-Aug-20	2200-0000	Rem South due to wind forecast. Wind 2006
thu	27-Aug-20	0000-0230	Rem South due to wind forecast. Wind 2006
thu	27-Aug-20	0930-1230	Rem South due to twy closures and RWY29 only available east of TWY N
fri	28-Aug-20		
sat	29-Aug-20	1500-1830	Forecast wind North. Wind 3211.
sat	29-Aug-20	2200-0000	Wind 3408
sun	30-Aug-20		
mon	31-Aug-20	0930-1230	Remain South flow for complex RWY/TWY closures

Runway Use (SDF Arrivals)



Runway Use (SDF Departures)



Runway Use 0930L-1230L_(SDF)

As of August 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
Aug-18	0	17	32	0	30	21	51	889	0	18	21	1	3	55	58	387
Sep-18	0	13	24	0	37	25	62	833	1	15	18	2	13	52	65	397
Oct-18	0	16	19	2	37	26	63	1057	0	18	16	3	18	44	62	476
Nov-18	0	19	15	5	37	23	60	1039	0	25	13	6	7	48	55	446
Dec-18	0	24	23	0	33	19	52	1099	0	26	19	1	5	49	54	427
Jan-19	0	13	18	8	38	22	60	946	0	21	14	7	6	51	57	371
Feb-19	0	15	18	0	43	24	67	852	0	24	11	2	18	46	64	344
Mar-19	0	18	18	0	43	20	63	853	0	23	13	2	14	48	62	337
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
Monthly Avg	0	17	23	2	37	21	58	943	0	22	18	2	16	42	58	375

Gate Compliance by Runway

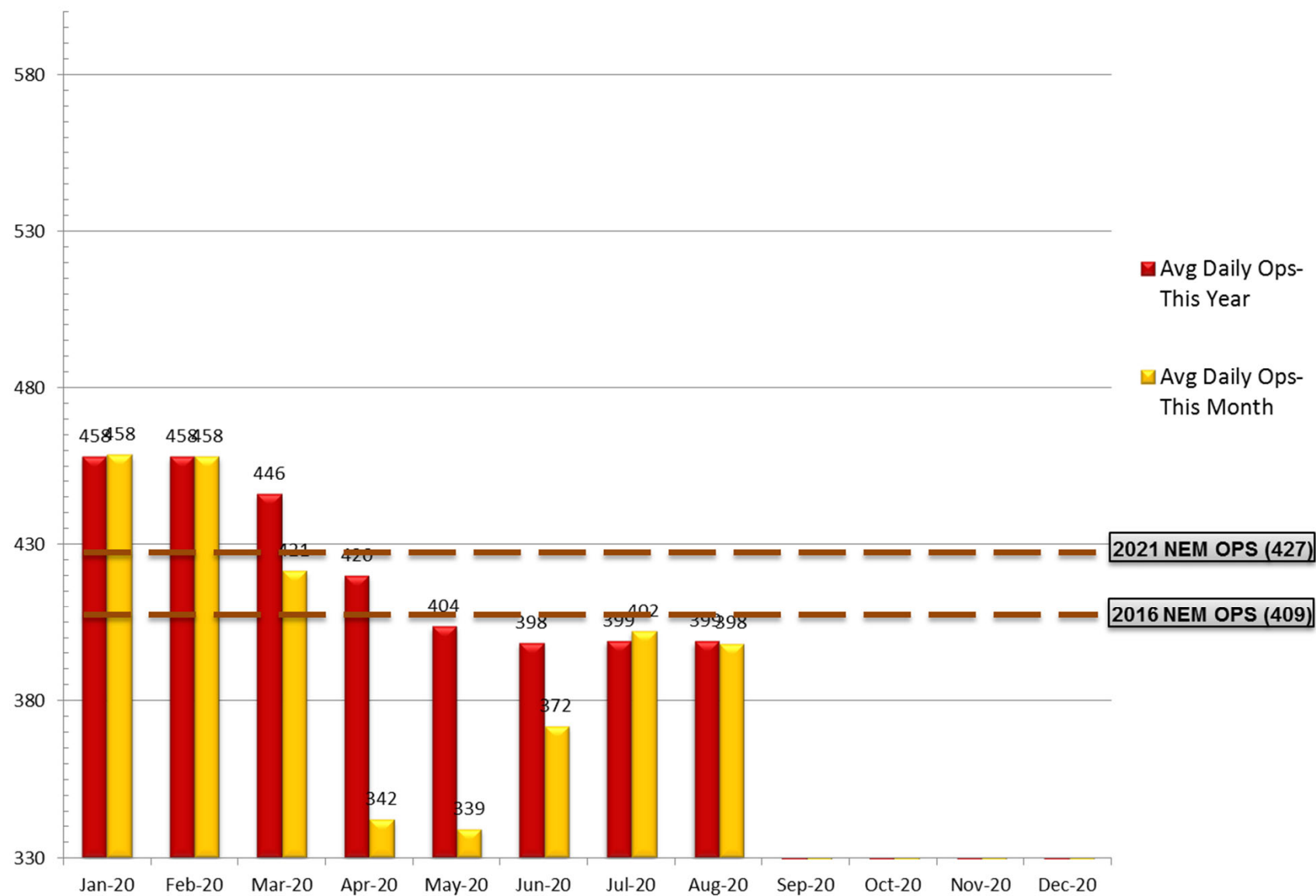
As of August 31, 2020

ARRIVALS Percent Compliant					Departure Percent Compliant					
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Sep-18	87%	95%	88%	89%	90%	83%	87%	69%	90%	82%
Oct-18	88%	93%	88%	88%	89%	80%	87%	71%	83%	80%
Nov-18	92%	96%	93%	91%	93%	79%	87%	76%	84%	82%
Dec-18	88%	94%	92%	91%	91%	81%	88%	74%	85%	82%
Jan-19	91%	95%	93%	92%	93%	83%	89%	77%	78%	82%
Feb-19	93%	96%	91%	89%	92%	76%	89%	72%	75%	78%
Mar-19	86%	93%	88%	89%	89%	76%	86%	70%	85%	79%
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%
24 Month Avg.					91%					81%

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

Operations (SDF)

As of August 31, 2020

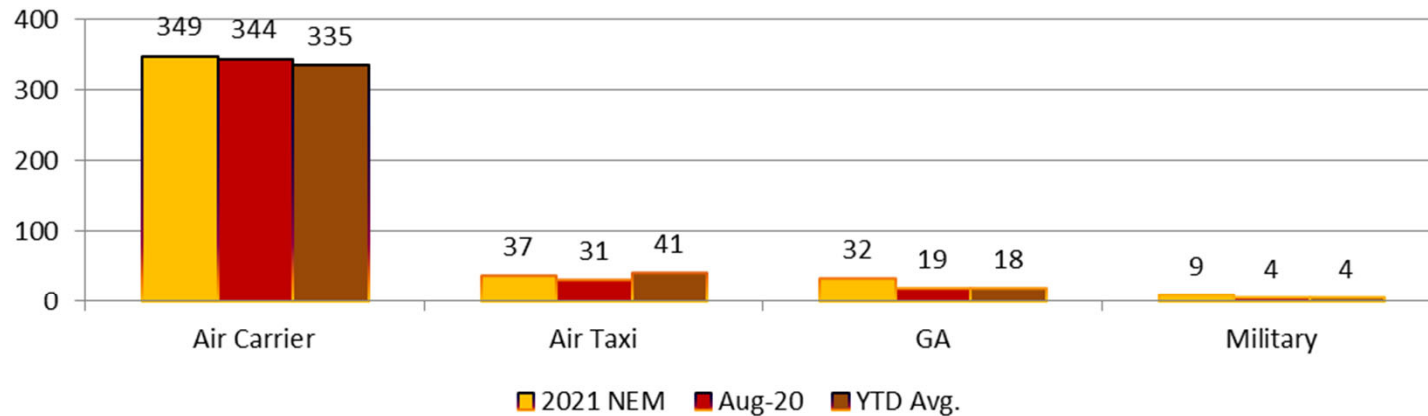


Source: Louisville <http://www.flylouisville.com/regional-airport-authority/reports-and-statistics/>

Operations and Landing (SDF)

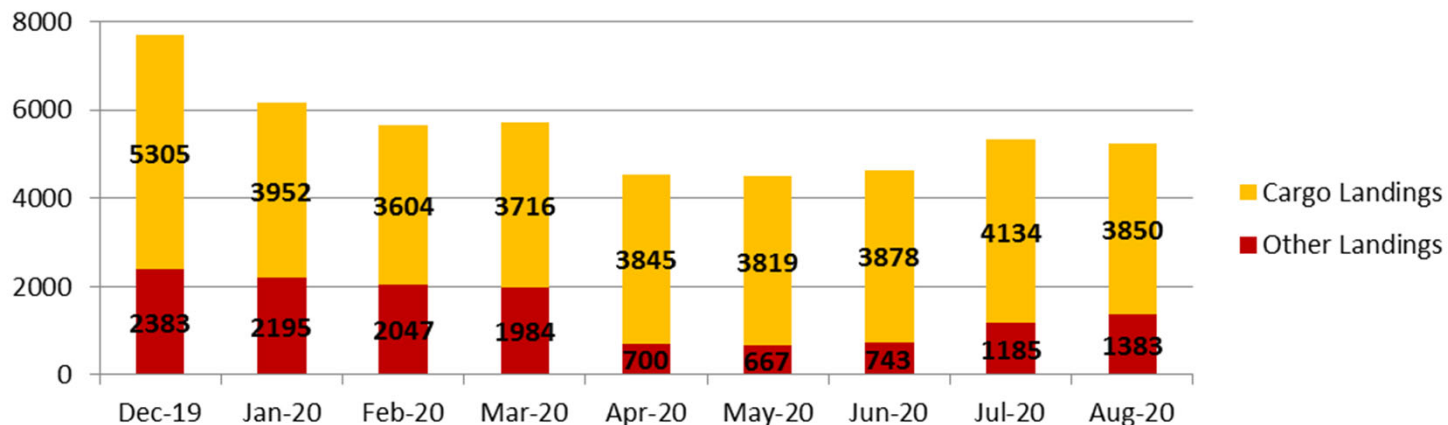
As of August 31, 2020

Average Day Operations by Category

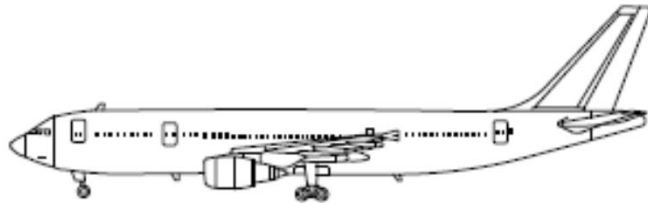


- **Air Carrier.** (AC) Aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds, carrying passengers or cargo for hire or compensation. This includes US and foreign-flagged carriers.
- **Air Taxi.** (AT) Aircraft designed to have a maximum seating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



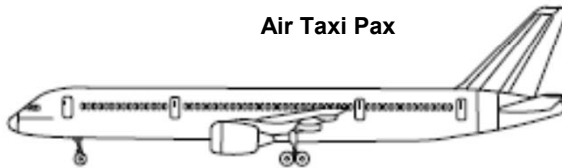
A300
Air Carrier Cargo



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