

****SPECIAL MEETING****

**Community Noise Forum
Monday, November 22, 2021
Agenda**

- I. Call to order: 6:00 PM
- II. Noise 101 session report
- III. Active Noise Cancellation Grant Update
- IV. Airspace Project Update
- V. UPS Hangar Overview
- VI. Part 150 NCP
 - A. Noise Insulation Program
 - B. Contraflow Exceptions
- VII. Current Noise Concerns
 - A. Noise Concerns/Complaints
 - B. Runway Utilization
 - C. Construction and Maintenance Activity
- VIII. Guest Comments
- IX. Announcements
- X. Next Meeting: January 24, 2022
- XI. Adjournment

COMMUNITY NOISE FORUM (CNF)

Monday, July 26, 2021

Members

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

Nancy Bowman Denton, Southwest
Jonathan Bonds, UPS
John Sistarenik, ANA

Guests

Adam Thomas, Audubon Park
Edward Mansfield, Merriwether
Bill Reese, UPS

Don & Pat Slocum, Preston Park
Tom Ryan, Audubon Park

- I. **Call to order:** The meeting was called to order as a committee of the whole at 6:00 p.m. by John Sistarenik.
- II. **Minutes:** The March and May meeting notes were reviewed with no changes and will be presented for approval at the September meeting.
- III. **HMMH Presentation:** Gene Reindel with the consulting firm HMMH gave a presentation on Active Noise Control for Airports. The Louisville Regional Airport Authority (LRAA) has submitted a pre-application for the Federal Aviation Administration's (FAA) Airport Environmental Mitigation Pilot Program. This program provides grants to sponsors of public-use airports for environmental mitigation projects that will measurably reduce or mitigate aviation impacts on noise, air quality, or water quality at an airport or within five miles of an airport. The proposed project includes the design, installation, optimization, and maintenance of an active noise control system to help reduce noise in the adjacent communities exposed to aircraft noise from the start-of-takeoff roll on departure at Louisville Muhammad Ali International Airport (SDF). Mary Rose made a motion that the Community Noise Forum expresses support for the Regional Airport Authorities pilot project on Active Noise Control. The motion was seconded by Nancy Bowman Denton and approved by the CNF.
- IV. **Airspace Project Update:** Jonathan Bond updated the group on the current status of the airspace project. UPS had a video conference with the Operational Support Manager for Central Service Area regarding the project timeline. It appears that the kickoff will be in the mid to late September timeframe. Jonathan announced that he is currently planning to retire at the end of this year. He introduced Mr. Bill Reese who will be replacing him on the airspace project and the CNF.
- 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. Lappe Cement Finishing, Inc. of Friedham, MO began physical construction for the first group of 32 families on April 26. Construction is now complete for this first group of 32 families. S&L Specialty Contracting, Inc. of Syracuse, NY completed measurement walkthroughs for the second group of 40 families in April. It is anticipated that construction will begin in the August timeframe. S&L was awarded a contract for the third group of 35 additional families at the June Board meeting. Measurement walkthroughs are expected to begin in August. Designs for a 4th group of approximately 20 families are in-work and should be going out for bid in September. Notifications were mailed to homeowners in Group 4 on July 2nd. A homeowner workshop anticipated in late August or Early September. Acoustical testing planned for September. **University of Louisville –** Construction is complete for all eligible buildings on campus. Life Science, Paul B. Lutz Hall and Overseers Honors House (first group). Ernst Hall Interfaith Center, and Baptist Student Union (second group).

- B. Contraflow Exceptions:** Contraflow for May was 71% for arrivals from the south and 63% for departures to the south. In June arrivals from the south were 65% and departures to the south were 84%. Daily summaries for each month are contained in the handout. For calendar year 2021 arrivals from the south are at 68% and departures to the south are 69%. A monthly summary going back 8 years is included in the handout. Mr. Tom Ryan commented that departures to the north are really disturbing and wanted to know if there was any way to increase the percentage of departures to the south? It seems like they go north just for convenience many times. John Sistarenik explained that it is not an arbitrary decision made by tower. The need to deviate for the contraflow procedures are based on many factors but is primarily based on weather conditions.

VI. Current Noise Concerns:

- A. Report on Noise Concerns/Complaints:** A total of 12 comments were received in May. In June 13 comments were received. Comments and locations are contained in the handout. Mr. Ryan asked if all the complaints were investigated and Bob Slattery said that all complaints were investigated and explained the process for investigating complaints.
- 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. Mary Rose asked about the number of operations on Saturday between 9:00 a.m. & 2:00 p.m. Bob presented operations for May and June, 2021. Mary Rose commented that May and June appear to be atypical months and that it would be beneficial to look at the same operations for a more typical month such as July and August. Bob suggested that it may be helpful to have a working group meeting in order to review the runway use numbers in greater detail. John Sistarnick agreed that a working group meeting should be held to review the arrival and departure numbers for 9:00 a.m. & 2:00 p.m. on weekends.

- C. Construction and Maintenance Activity:** Brian Sinnwell reported that in addition to the typical runway closures on Monday and Tuesday there are two projects that will require closures on weekends between now and approximately the first of November. The work will begin on the east side then move to the west side. After the first of the year there will be two electrical projects that will require runway closures on the east side. The Airport Layout Plan (ALP) portion of the Master Plan was submitted to the FAA. There is still time for people to review and make comments if they would like. Brian is looking at having the project consultant at the September CNF meeting to review the ALP, discuss the Master Plan and answer questions.

- VII. Guest Comments:** Edward Mansfield commented that he was not aware of the Noise Compatibility Program until he heard about the QuieterHome Program on WLKY. He wanted to know how far along we are on the 5 year Noise Exposure Maps (NEMs). Bob Slattery explained that the NEMs were last updated in 2016 which included the 5 year forecast conditions (2021 NEM). We will most likely be looking at a map update in the near future. We are currently taking a close look at current and forecasted operations before beginning the update process. Mary Rose informed Mr. Mansfield that the CNF would be willing to attend a meeting of his neighborhood group if that would be helpful in educating and informing them on the Noise Compatibility Program.

- VIII. Announcements:** None

- IX. Next Meeting:** September 27, 2021

- X. Adjournment:** A motion was made to adjourn the meeting at 7:25 p.m.

COMMUNITY NOISE FORUM (CNF)

Monday, May 24, 2021

Members

Brian Sinnwell, LRAA

Mary Rose Evans, LRAA Board

Bob Slattery, LRAA

Patricia Gould, Northeast

Jonathan Bonds, UPS

Tom Foote, Airline Affairs

Guests

Dr. Natalie DuPre, UofL

Theresa & Billy Clifford, Brooks

Lindsey A. Wood, UofL

- I. Call to order:** The meeting was called to order as a committee of the whole at 6:07 p.m. by Tom Foote.
- II. Minutes:** The March meeting notes were reviewed with no changes and will be presented for approval at the July meeting.
- III. Guest Speaker:** Bob Slattery introduced Lindsey A. Wood who is a Doctoral candidate in epidemiology at the University of Louisville School of Public Health and Information Sciences. She is working on a project to determine the associations of cumulative environmental noise exposure on adult mental health and childhood cognition in Jefferson County. As part of the project she is building a noise model for the county to represent various seasons and time-equivalents. Dr. Natalie DuPre introduced herself. She is a professor in the department of epidemiology and Lindsey has been one of her students for a couple of years. Once the research gets further along, they would like to come back and share those details with the group.
- IV. Airspace Project Update:** Jonathan Bond updated the group on the current status of the airspace project. The formal kickoff for the project has been delayed until late July or early August. The FAA is trying to bring together all the parties involved in the project. Rescheduling this meeting should not delay implementation of the procedures which could occur in late summer or early fall 2023. The project does have a lot of attention at the FAA because they are using Louisville as a model for projects under the airspace modernization initiative to address similar airports throughout the country.
- 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. Lappe Cement Finishing, Inc. of Friedham, MO began physical construction for the first group of 32 families on April 26. 9 families have been completed as of Friday, May 21. A contract has been awarded to S&L Specialty Contracting, Inc. of Syracuse, NY for the second group of 40 families. It is anticipated that construction will begin in the September timeframe. A project for the third group of 30 additional families was

advertised in April and is expected to be awarded at the June Meeting of the LRAA Board. Designs for a 4th group of approximately 30 families will begin on June 14. 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 buildings on the University of Louisville Campus (Life Science, Paul B. Lutz Hall and Overseers Honors House). Construction is substantially complete for the second group of 3 buildings (Ernst Hall Interfaith Center, and Baptist Student Union). Post construction acoustical testing is scheduled for today.

- B. Contraflow Exceptions:** Contraflow for March was 51% for arrivals from the south and 77% for departures to the south. In April arrivals from the south were 62% and departures to the south were 75%. Daily summaries for each month are contained in the handout. For calendar year 2021 arrivals from the south are at 67% and departures to the south are 68%. 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 9 comments were received in March. In April 17 comments were received. The comment received from Verona Kentucky in April was related to an aircraft from Bowman Field flying through a possible Unmanned Aerial Systems (UAS) “restricted” area. Comments and locations are contained in the handout.
- B. Runway Utilization:** Runway utilization percentages for March and April are contained in the handout. Daily runway utilization and comments from the Air Traffic Control Tower are also included in the handout. Mary Rose received a question regarding the benefit of adding weekends to the daytime reverse flow. She would like the group to review the operations and the potential benefit of implementing reverse flow on Saturdays.
- C. Construction and Maintenance Activity:** Brian Sinnwell reported that the typical runway work has started for this year. There are 3 primary projects scheduled. The west runway concrete slab replacement from now through July. East runway slab replacement is scheduled for August or September. These projects will require weekend closures of the respective runway. An airfield lighting project on taxiway “E” is scheduled for later this summer or early Fall. The Master Plan is nearing completion. We are currently reviewing the Airport Layout Plan (ALP) for edits and final revisions. Brian is looking at having the project consultant give a presentation to the CNF in July if the review has been completed.

- VII. Guest Comments:** Theresa Clifford commented that she is very excited about the work Lindsey Wood is doing. If Lindsey was interested in interviewing anyone, she and her family would be happy to participate. Lindsey replied that at this point she

does not have approval to interview individuals, but she will keep that in mind as the study progresses.

VIII. Announcements: Mary Rose announced that there have been communications with the office of Councilwoman Nichole George regarding a replacement representative for the Southwest quadrant. She is optimistic that a replacement will be named soon. Mary Rose also welcomed back Patricia Gould as the Northeast quadrant representative. Patricia served previously as the representative for the Northeast quadrant.

IX. Next Meeting: July 26, 2021

X. Adjournment: A motion was made to adjourn the meeting at 6:45 p.m.

COMMUNITY NOISE FORUM (CNF)

Monday, March 22, 2021

Members

John Sistarenik, ANA
Mary Rose Evans, LRAA Board
Bob Slattery, LRAA
Tom Foote, Airline Affairs
Crystal Henderson, Northwest

Brian Sinnwell, LRAA
Jonathan Bonds, UPS
Greg Petto, FAA
Denny Thompson, Southeast

Guests

Adam Thomas, Audubon Park
Theresa & Billy Clifford, Brooks
Rachel Roarx, Metro 21

Lisa Willner, State District 35
Dorn Crawford, Audubon Park

- I. Call to order:** The meeting was called to order at 6:00 p.m. by John Sistarenik.
- II. Minutes:** The January meeting notes were reviewed with no changes and approved.
- III. Election of Officers:** Election of officers for Chair and Vice Chair were held. John Sistarenik and Tom Foote were re-elected as Chair and Vice Chair respectively with a nomination from Mary Rose Evans that was seconded by Denny Thompson. John and Tom will serve as Chair and Vice Chair for one year.
- IV. Airspace Project Update:** Jonathan Bond updated the group on the current status of the airspace project. The formal kickoff for the project will be May 20, 2021 via ZOOM meeting. This will start the clock for the implementation of the procedures and the environmental review. After the meeting on May 20th we should be able to know with some degree of certainty the implementation dates for the new procedures. The first portion of the meeting will be a review of FAA Order 7100.41A "Performance Based Navigation Implementation Process". This is the step by step process the FAA must go through to modify procedures in and around the airport environment. Some of the people in attendance should include FAA Environmental Specialists and FAA Community Involvement Managers that will be coordinating the community outreach efforts. Mary Rose noted that project would most likely require an Environmental Assessment (EA) and not a full Environmental Impact Statement (EIS). Jonathan responded that an Environmental Specialist has been assigned and will determine the appropriate environmental review. There are a couple of approach modifications that will need to be looked at including arrivals from the west in the vicinity of Elizabethtown that they have not seen before. There will be some changes to the procedures but, for the most part the procedures should help reduce the noise on arrivals and address some of the noise concerns on departures

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. Lappe Cement Finishing, Inc. of Friedham, MO is expected to begin physical construction for the first group of 32 families next month. A contract was awarded to S&L Specialty Contracting, Inc. of Syracuse, NY for the second group of 40 families. It is anticipated that construction will begin in the July timeframe. Designs are currently in progress for 30 additional families and that project is tentatively scheduled to advertise in April. 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). Construction is currently underway for the second group of 3 buildings (Ernst Hall Interfaith Center, and Baptist Student Union) and expected to be completed in April 2021.
- B. Contraflow Exceptions:** Contraflow for January was 71% for arrivals from the south and 71% for departures to the south. In February arrivals from the south were 87% and departures to the south were 45%. Daily summaries for each month are contained in the handout. For calendar year 2021 arrivals from the south are at 79% and departures to the south are 58%. 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 17 comments were received in January. In February 5 comments were received. In February all comments were from north of the airport. Comments and locations are contained in the handout. As a follow-up to a comment received at the January meeting Bob showed a chart that listed the destinations of 747 departures on runway 17R in the area of Holsclaw Hill. John Sistarenik asked why 747 aircraft are lower than others. Jonathan Bonds replied that generally, twin engine aircraft have more overall power for their weight than 4 engine aircraft. Therefore, 2 engine aircraft typically climb better than 4 engine aircraft due to engine out climb performance. Also, some of the proposed new procedures will have some speed restraints built-in which could help them climb better and get higher quicker on departure which may help to improve the situation.
- B. Runway Utilization:** Runway utilization percentages for January and February are contained in the handout. Daily runway utilization and comments from the Air Traffic Control Tower are also included in the handout.
- C. Construction and Maintenance Activity:** Brian Sinnwell reported that the typical runway work will begin a little bit before Derby and then pickup afterwards. 3 pavement projects are currently scheduled for this year, 2 on the west side and 1 on the east side. Joint repair work and airfield electrical

upgrades will also be taking place on the east side. This work will require some weekend runway closures but nothing out of the ordinary. Work on the Master Plan is wrapping up and the airport is looking at a possible submittal to the FAA in the May timeframe. Mary Rose asked if the Master Plan review with the CNF will include the consultant. Brian responded that the consultant would be participating in the review with the CNF. Rachel Roarx asked if there are plans for discussing the Master Plan with some neighborhood groups prior to being submitted. Brian responded that he will be discussing that process with the consultant. He is not sure yet if it will be a website or individual meetings but, the issue is being discussed. Rachel offered to help facilitate that discussion with some of the neighbors on the west and east sides of the airport.

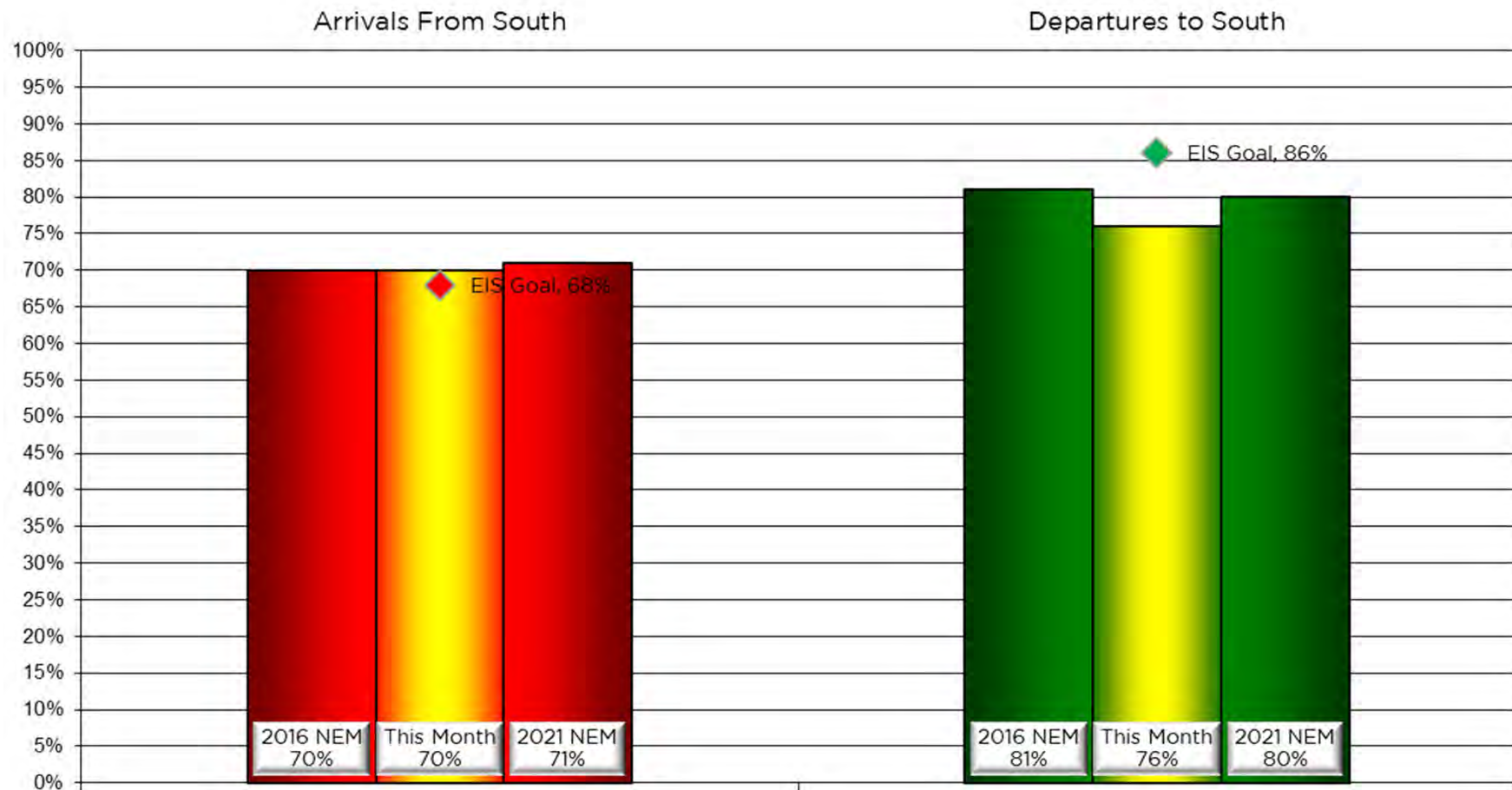
VII. Guest Comments: Billy Clifford asked how long the daytime north flow will continue. Bob Slattery replied that the daytime north flow procedure (9:00 a.m. to 2:00 p.m.) will continue indefinitely.

VIII. Announcements: John Sistarenik asked Representative Willner if the proposed tax credit legislation had passed. Ms. Willner replied that it did not pass. Although \$650 million dollars of tax credits were passed the \$2 million requested for sound insulation tax credits did not make it into the budget. Greg Petto replied that he sent an email to John regarding the towers ability to respond to the request made at the last CNF meeting to avoid overflights of Saint James Court Art Show if possible. His contact information is in the message and they can reach out to him and discuss if they would like. Bob Slattery reported that CNF comments were submitted on March 15 in response to the FAA's "Request for Input on Research Activities to Inform Aircraft Noise Policy." Mary Rose Evans reported that ANA appointed Ms. Pat Gould to represent the Northeast Quadrant. They are also looking for a person to represent the Southwest Quadrant due to the death of John Greathouse.

IX. Next Meeting: May 24, 2021

X. Adjournment: A motion was made to adjourn the meeting at 6:40 p.m.

Monthly Contraflow July 1-30, 2021



Nightly Runway Use Summary - July 2021

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

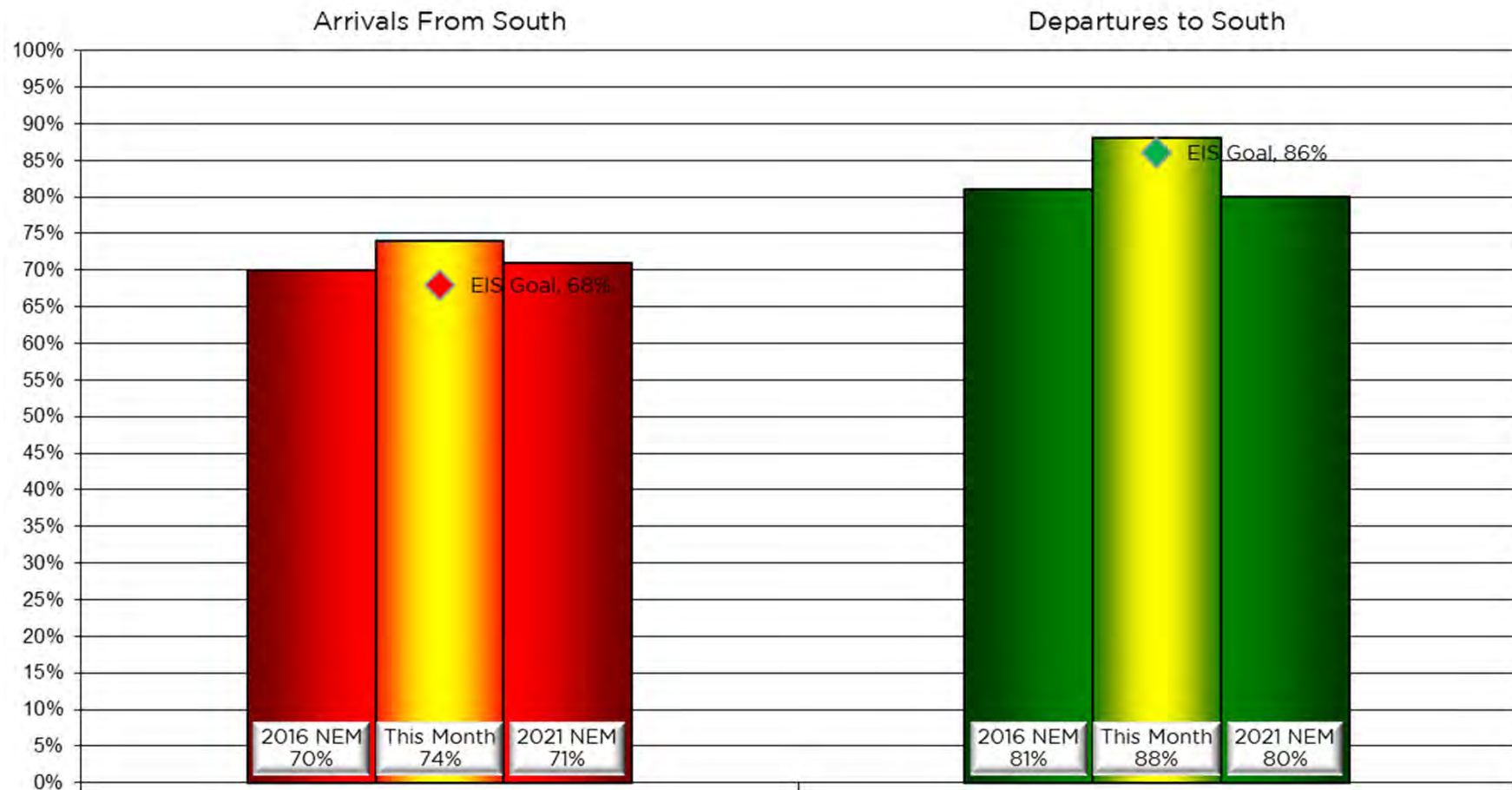
		% of all arrivals from the south										% of all departures to the south											
Date	Day	* in	Runway #							Runway	Notes /	* in	Runway #							Runway	Notes /		
		compliance	11	17L	17R	29	35L	35R	Use	Comments	compliance	11	17L	17R	29	35L	35R	Use	Comments				
07/01/21	Thu	100%							67	33	0		0%							59	41	0	350-360@7-11kts
07/02/21	Fri	96%			1	3			54	42	0		95%			37	58			1	4	0	
07/03/21	Sat																						
07/04/21	Sun																						
07/05/21	Mon	86%			5	9			63	23	0		93%			37	56			4	3	0	
07/06/21	Tue	90%			4	6			57	33	0		87%			35	52			10	3	0	
07/07/21	Wed	0%			41	59					0	140-230@5-12kts	100%			36	64					0	
07/08/21	Thu	37%			29	34			25	12	0	200-320@4-13kts	2%			1	1			58	40	0	290-020@4-14kts,g19
07/09/21	Fri	98%				2			63	35	0		95%			43	52			2	3	0	
07/10/21	Sat																						
07/11/21	Sun																						
07/12/21	Mon	0%			42	58					0	120-200@5-13kts	100%			35	65					0	
07/13/21	Tue	92%			3	5			55	37	0		88%			31	57			8	4	0	
07/14/21	Wed	0%			37	63					0	140-200@4-8kts	100%			39	61					0	
07/15/21	Thu	0%			41	59					0	130-200@6-9kts	100%			43	57					0	
07/16/21	Fri	0%			42	58					0	160-290@4-32,g49,ra	99%			36	63			1		0	
07/17/21	Sat																						
07/18/21	Sun																						
07/19/21	Mon	95%				5			58	37	0		82%			26	56			11	7	0	
07/20/21	Tue	94%			1	5			62	32	0		84%			33	51			10	6	0	
07/21/21	Wed	93%			2	5			55	38	0		87%			32	55			9	4	0	
07/22/21	Thu	96%			1	3			63	33	0		83%			33	50			12	5	0	
07/23/21	Fri	94%			4	2			59	35	0		94%			51	43			4	2	0	
07/24/21	Sat																						
07/25/21	Sun																						
07/26/21	Mon	92%			3	5			61	31	0		91%			34	57			7	2	0	
07/27/21	Tue	93%			2	5			55	38	0		89%			34	55			8	3	0	
07/28/21	Wed	93%			1	6			56	37	0		93%			34	59			5	2	0	
07/29/21	Thu	100%							63	37	0		0%							59	41	0	310-020@8-15kts, g21
07/30/21	Fri	100%							67	33	0		1%			1				61	38	0	350-020@4-6kts

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 2-31, 2021



Nightly Runway Use Summary - August 2021

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

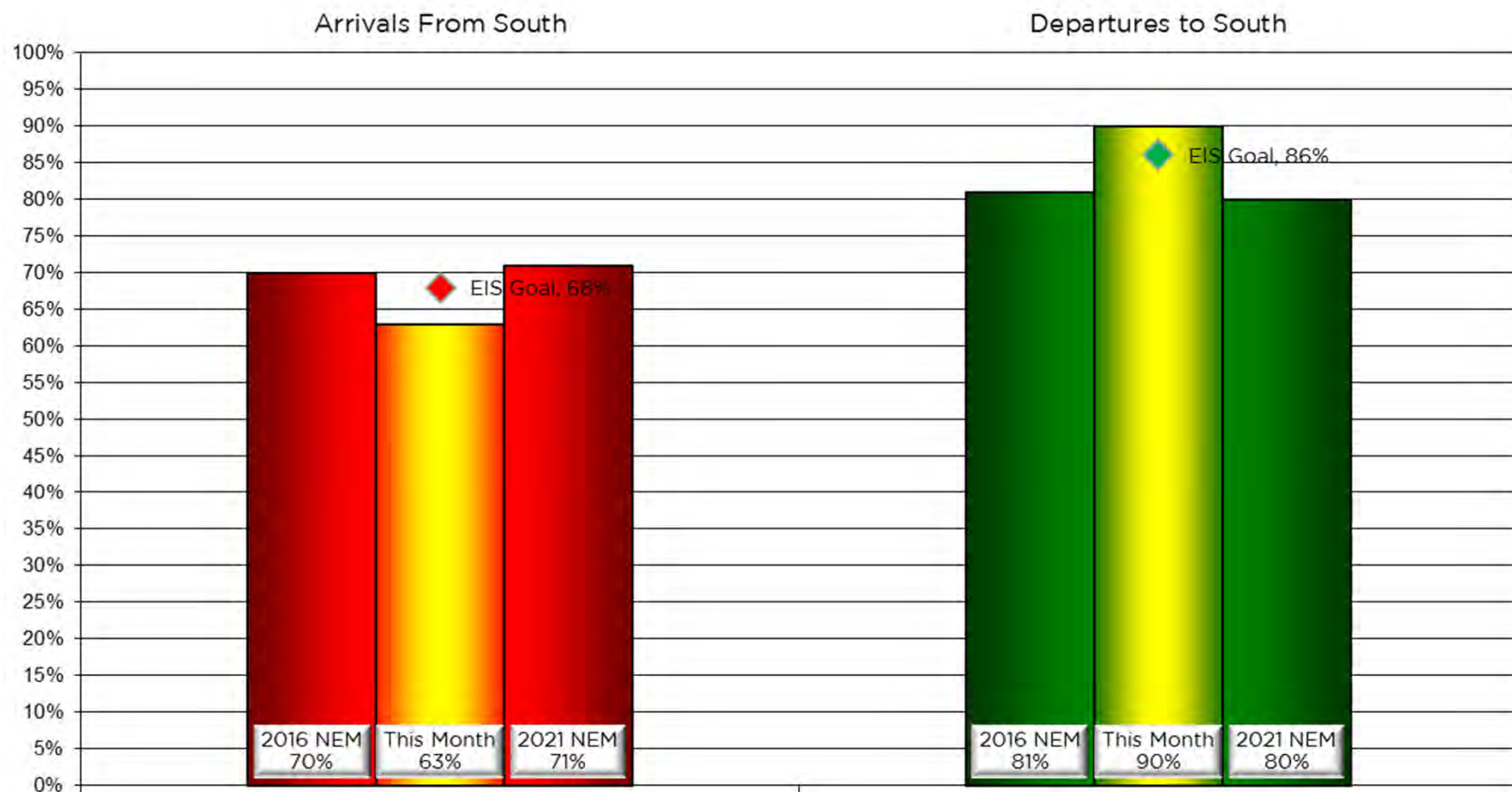
		% of all arrivals from the south										% of all departures to the south																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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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

Monthly Contraflow September 1-30, 2021



Nightly Runway Use Summary – September 2021

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

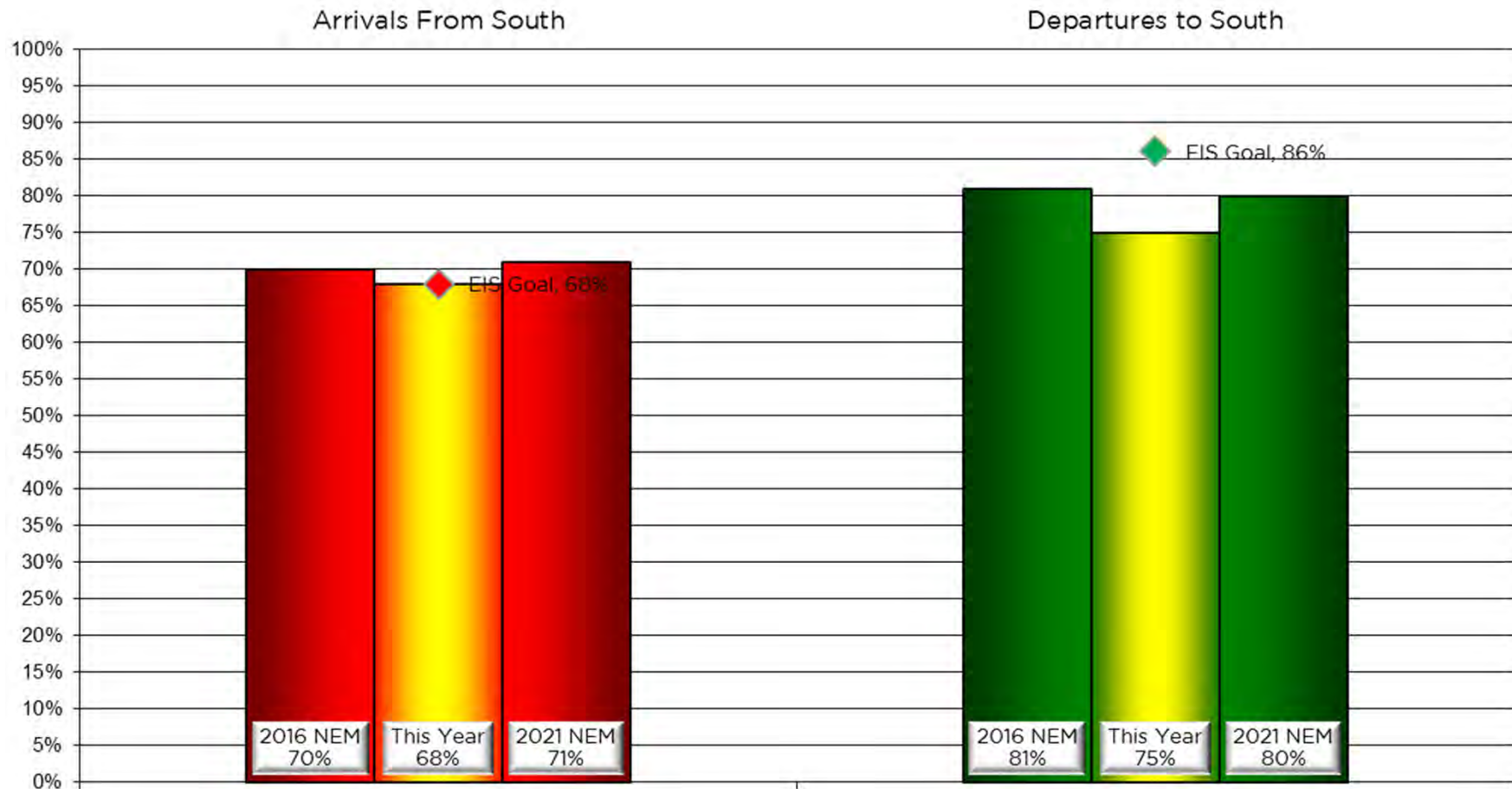
		% of all arrivals from the south										% of all departures to the south											
Date	Day	* in compliance	Unknown Runway #							Runway Use	Notes / Comments	** in compliance	Unknown Runway #							Runway Use	Notes / Comments		
			11	17L	17R	29	35L	35R	11				17L	17R	29	35L	35R						
09/01/21	Wed	92%			3	5			60	32	0		87%			37	50			11	2	0	
09/02/21	Thu	94%			3	3			59	35	0		90%			38	52			8	2	0	
09/03/21	Fri	93%			2	5			58	35	0		93%			40	53			2	5	0	
09/04/21	Sat																						
09/05/21	Sun																						
09/06/21	Mon	79%			6	15			56	23	0		99%			38	61			1		0	
09/07/21	Tue	0%			43	57					0	170-250@4-12 kts	100%			44	56					0	
09/08/21	Wed	93%			2	5			58	35	0		89%			37	52			7	4	0	
09/09/21	Thu	97%			1	2			61	36	0		91%			36	55			7	2	0	
09/10/21	Fri	86%			3	11			55	31	0		95%			36	59		1	2	2	0	
09/11/21	Sat																						
09/12/21	Sun																						
09/13/21	Mon	0%			39	61					0	120-160@4-8 kts	100%			36	64					0	
09/14/21	Tue	0%			38	62					0	190-250@5-13 kts	100%			46	54					0	
09/15/21	Wed	92%			2	6			54	38	0		90%			40	50			8	2	0	
09/16/21	Thu	0%			39	61					0	070-130@4-7 kts	99%			34	65			1		0	
09/17/21	Fri	94%			2	4			62	32	0		95%			39	56			2	3	0	
09/18/21	Sat																						
09/19/21	Sun																						
09/20/21	Mon	0%			41	59					0	120-150@4-13 kts	100%			43	57					0	
09/21/21	Tue	94%			3	3			60	34	0		0%							59	41	0	300-010@6-22,g29
09/22/21	Wed	94%			4	2			57	37	0		88%			37	51			8	4	0	
09/23/21	Thu	92%			1	7			57	35	0		93%			39	54			3	4	0	
09/24/21	Fri	0%			30	70					0	120-210@4-8 kts	100%			44	56					0	
09/25/21	Sat																						
09/26/21	Sun																						
09/27/21	Mon	0%			40	60					0	200-240@7-14 kts	100%			43	57					0	
09/28/21	Tue	94%			2	4			61	33	0		84%			34	50			11	5	0	
09/29/21	Wed	91%			3	6			58	33	0		92%			36	56			7	1	0	
09/30/21	Thu	94%			1	5			62	32	0		87%			36	51			8	5	0	

Preferred Flow

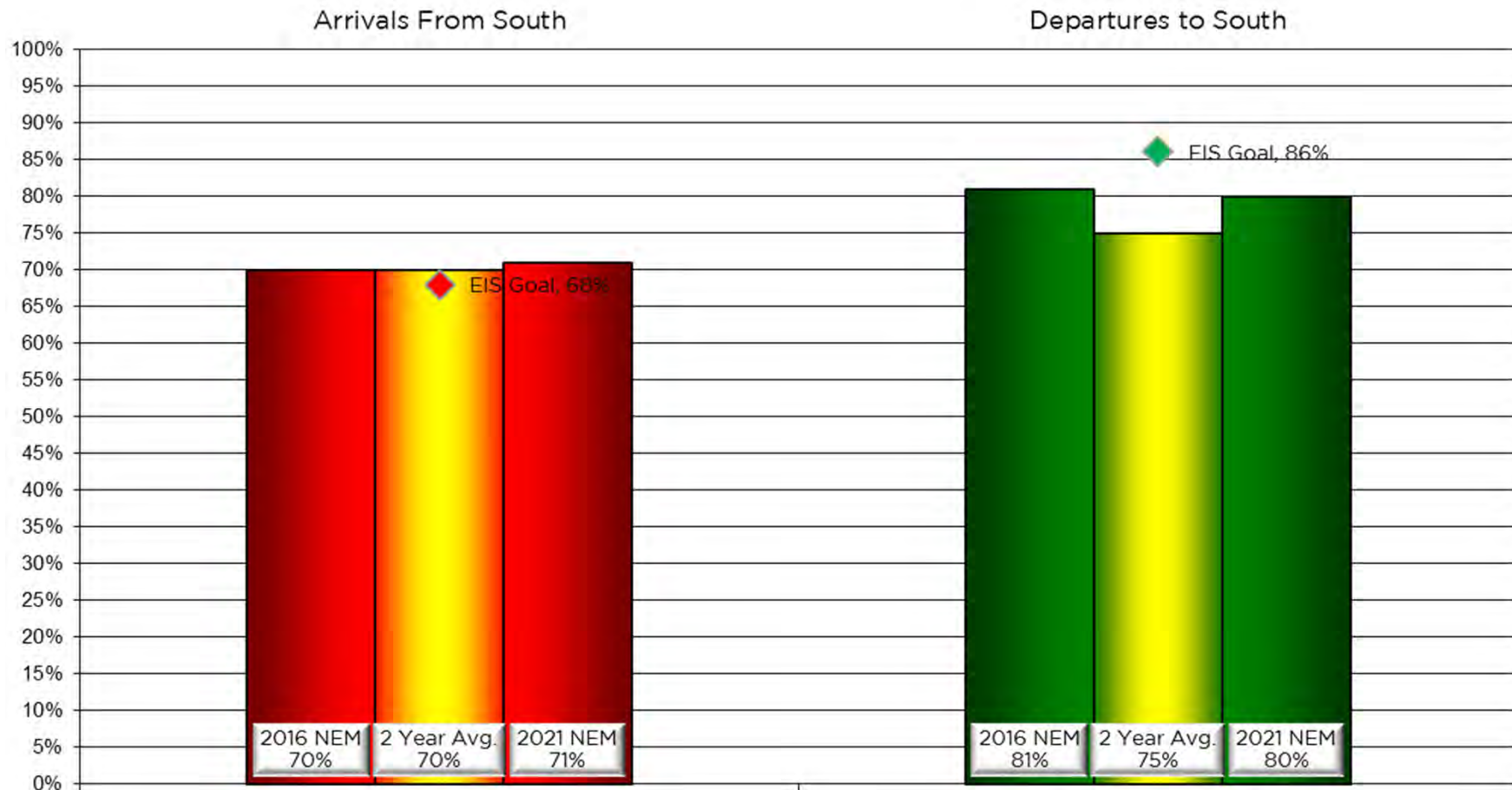
DATIS Reported Conditions Indicate
Support for Non-Preferred Flow

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

Contraflow This Year As of October 1, 2021



Contraflow 2 Year Average October 2019 - September 2021



Year-to-Year by Month Percent*

Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2014	2015	2016	2017	2018	2019	2020	2021	Avg		2014	2015	2016	2017	2018	2019	2020	2021	Avg
Jan	51%	76%	69%	65%	60%	75%	56%	71%	65%	Jan	81%	76%	69%	61%	72%	69%	82%	71%	73%
Feb	72%	66%	80%	58%	67%	78%	78%	87%	73%	Feb	71%	76%	67%	77%	70%	57%	43%	45%	63%
Mar	60%	71%	63%	79%	84%	82%	65%	51%	69%	Mar	77%	66%	77%	62%	61%	89%	64%	77%	72%
Apr	67%	53%	86%	56%	73%	65%	71%	62%	67%	Apr	83%	77%	73%	80%	72%	82%	69%	75%	76%
May	60%	75%	62%	75%	43%	65%	71%	71%	65%	May	92%	80%	80%	80%	89%	90%	90%	63%	83%
Jun	75%	57%	79%	74%	74%	50%	69%	65%	68%	Jun	91%	91%	83%	93%	91%	91%	88%	84%	89%
Jul	79%	74%	59%	85%	90%	75%	72%	70%	76%	Jul	85%	80%	91%	85%	77%	87%	91%	76%	84%
Aug	61%	86%	76%	79%	72%	88%	82%	74%	77%	Aug	92%	91%	90%	90%	88%	89%	87%	88%	89%
Sep	85%	95%	88%	85%	80%	83%	83%	63%	83%	Sep	86%	73%	93%	31%	87%	77%	85%	90%	78%
Oct	75%	86%	81%	81%	77%	79%	71%		80%	Oct	79%	74%	81%	82%	76%	78%	72%		79%
Nov	78%	59%	74%	69%	76%	70%	51%		70%	Nov	62%	88%	77%	75%	54%	72%	78%		74%
Dec	78%	55%	75%	74%	72%	76%	67%		69%	Dec	68%	79%	62%	74%	61%	72%	69%		70%
Avg	70%	71%	74%	73%	72%	74%	70%	68%		Avg	81%	79%	79%	74%	75%	79%	77%	74%	

NOISE COMMENT REPORT

LOUISVILLE REGIONAL AIRPORT AUTHORITY



July 2021

Comments (SDF/LOU)

July 2021

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)	2021-07-01 04:21:00	2021-07-01 04:18:00	SDF	Noise At Wrong Time	Investigated	Standard	None	July 1st, 4:18 a.m. Holsclaw Hill Road is being woken up by airplanes and low flights.
Landor Ave	40205	NE (N/A)	2021-07-06 13:05:00	2021-07-02 09:00:00	LOU	Constant Noise	Investigated	Standard	None	I talked with you several weeks ago and I thought things were getting better. However, over this past weekend the flights have been terrible. Why can't the flights just go straight out in the easement area and not start their turns until they get farther out.
Parklawn Dr	40217	NE (60-65)	2021-07-02 16:27:00	2021-07-02 15:36:00	SDF	Other	Investigated	Non-Standard	Weather	I live on Parklawn Drive directly under the flight path. I'd like to apply for noise reduction in my home and need information as to how to apply.
Holsclaw Hill Rd	40109	SW (60-65)	2021-07-03 05:35:00	2021-07-03 03:00:00	SDF	Aircraft Too Low	Investigated	Standard	None	The planes are ridiculous. On average I had 62 dB inside my house. It just so happened that I had another 747 flying over my house going to Honolulu that was not over 1000' over my house. We need to talk with someone besides you if we can't get someone up here about the planes flying so low and the decibels inside my house. On average the MD-11s at 3000' are 60 decibels inside my house. That does not include the 747s that go over at the lowest altitude shaking the house. We need to get the FAA up here and get a ruling on this property. We cannot live like this.
Holsclaw Hill Rd	40109	SW (60-65)	2021-07-03 04:18:00	2021-07-03 04:11:00	SDF	Vibrations	Investigated	Standard	None	You had your 747 going to Anchorage shake my house. Their altitude was 2500' minus our 890'. July 3 at about 4:11 a.m. or so. Woke us straight up out of the bed shaking our house.

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Comments (SDF/LOU)

July 2021

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Holsclaw Hill Rd	40109	SW (60-65)	2021-07-03 05:24:00	2021-07-03 05:20:00	SDF	Too Much Noise	Investigated	Standard	None	We just had another one go over that was going to Anchorage. He was pushing the 1200' mark. The dB levels were 68 inside my house at 5:20 a.m. They are below 2500'.
Parklawn Dr	40217	NE (60-65)	2021-07-08 11:00:00	2021-07-08 11:00:00	SDF	Other	Investigated	Standard	None	I need to know how I register for the noise reduction program. I am a tenant and I need to make sure the owner gets all the required information.
Elam Dr	40213	SW (60-65)	2021-07-13 13:22:00	2021-07-13 13:22:00	SDF	Other	Investigated	Standard	None	The siding is melting on the side of my house. I think it has to do with the airplanes dumping fuel.
W. Ormsby	40203	NW (60-65)	2021-07-15 22:30:00	2021-07-15 22:30:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I have not left you a message in a while. The year had gone well until the past few weeks. We have just been having plane after plane after plane day after day after day night after night after night. You cannot have a conversation; you cannot sit outside because it is just continuous.
W. Ormsby	40203	NW (60-65)	2021-07-18 01:16:00	2021-07-18 01:15:00	SDF	Noise At Wrong Time	Investigated	Standard	None	It is 1:15 a.m. on Sunday morning. We continue to have airplanes. The weatherman told us that the winds were out of the north at 6 mph.
W. Ormsby	40203	NW (60-65)	2021-07-18 03:16:00	2021-07-18 23:16:00	SDF	Noise At Wrong Time	Investigated	Standard	None	It is Sunday night and the planes are going over. The weatherman is saying the winds are out of the east/northeast and where I am, I can't see that there is much wind at all. The tower folks sure do like to send planes over the city.

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Comments (SDF/LOU)

July 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Rose Ave	47130	SI (<60)	2021-07-19 09:48:00	2021-07-19 09:48:00	SDF	Aircraft Off Course	Investigated	Standard	None	I used to attend the meetings when I lived in Clarksville and the UPS planes arriving from the north at night flew directly over my home. We moved to Jeffersonville about 11 years ago and have been relatively free from any flight noise until recently. We have a sunroom on the back of our home where we both like to go to upon awakening to drink coffee and relax in our recliner. We really enjoyed the peace and quiet and the ability to listen to soft music until recently. About mid-June of this year we started having morning planes flying directly overhead. I went on FlightAware and saw these were takeoffs to the north that were being routed east or south. FlightAware seemed to show these flights were turning right at the Ohio river but we knew they were not as we are about 1 1/2 miles from the river. They seemed to quit until just before the 4th of July holidays and continued for several more days. We were then out of town for a few days but noticed this weekend and again this morning that those flights are back to flying in over our Jeffersonville neighborhood. This an aberration or can we continue to expect these flights to stray about 2 miles into Indiana instead of cutting off on the Louisville side of the Ohio or pushing about 5 miles farther north before they make their cuts eastward or southeast?
Robin Rd	40213	NE (65-60)	2021-07-22 11:50:00	2021-07-22 11:50:00	SDF	Other	Investigated	Standard	None	I would like some information on the noise compatibility program.

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Comments (SDF/LOU)

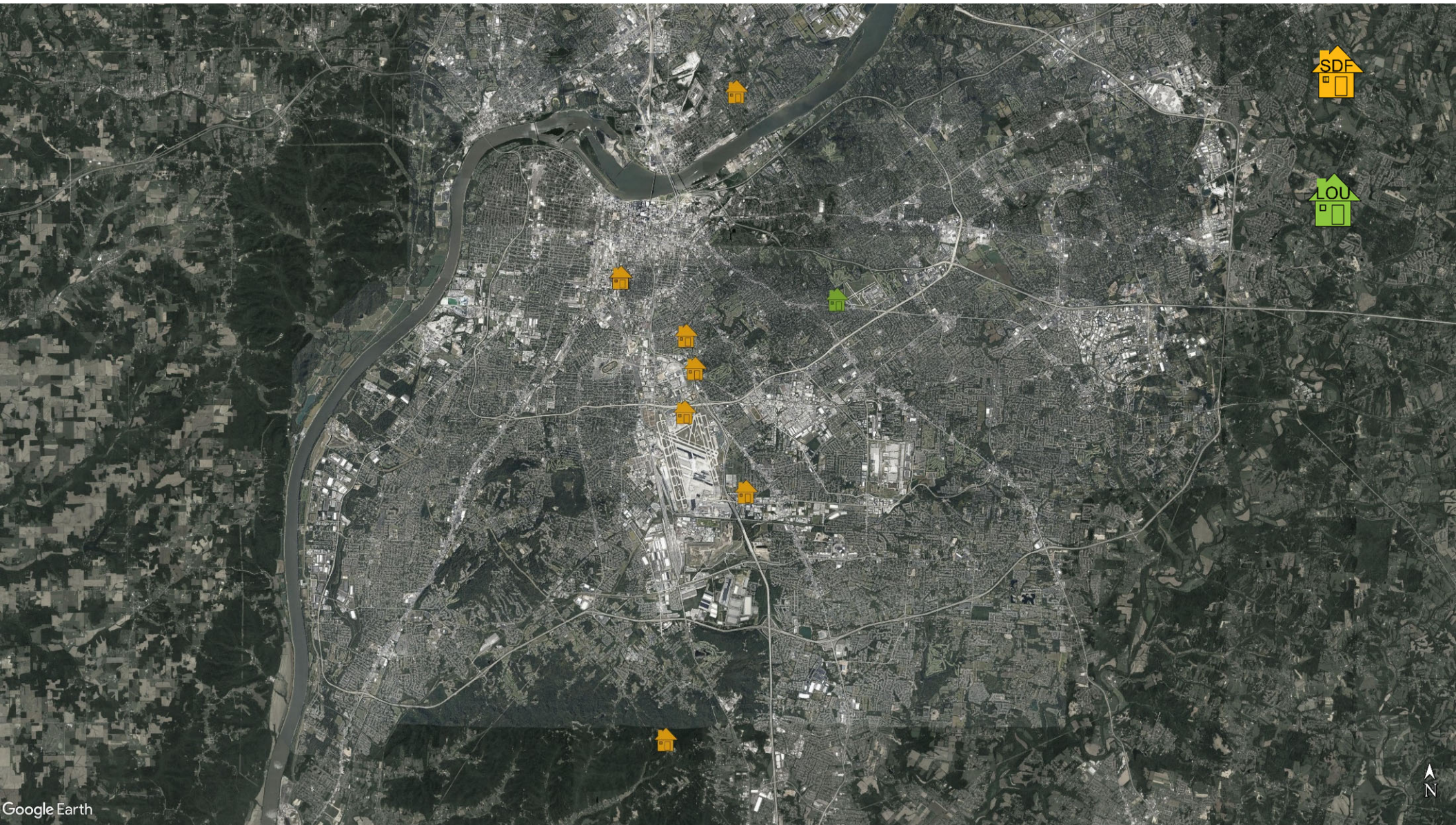
July 2021

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)	2021-07-23 03:55:00	2021-07-23 03:51:00	SDF	Aircraft Too Low	Investigated	Standard	None	It is July 23 at 3:51 a.m. Your Anchorage plane just flew over my house lower the 1200'. Shook it and woke me up. I just got to bed at 12:00 tonight and you are sending these great big planes over my house shaking it. Yes, they are going below 2500'. You need to get this stuff under control. It is ridiculous and illegal.
Administration Dr	40209	UNK	2021-07-26 21:08:00	2021-07-26 21:08:00	SDF	Other	Investigated	Non-Standard	Weather	My home is just out of the noise control program for planes and I'm looking for any kind of suggestions or help I can get to reduce the noise for my home. Should I focus on getting certain windows? Sound dampening curtains? Is anything else you recommend?
Rose Ave	47130	SI (<60)	2021-07-30 09:45:00	2021-07-30 09:30:00	SDF	Aircraft Off Course	Investigated	Standard	None	The flight at 9:30 this morning to Philadelphia showed on FlightAware that it turned far south of the Ohio River, but you could look up here on Main St near 8th and clearly see the small plane overhead. It cut back south about Briscoe Drive. That is happening so many times. I'm not sure how FlightAware can show the routes at the river or south of the river when visually they are overhead in Jeffersonville neighborhoods. We hear them about 2 minutes before Flight Aware shows their path. There's another right now at 9:40 overhead but Flight Aware showed it turned far south of the river. It's traffic we have not experienced before so something has changed.
							Received	LRAA	16	

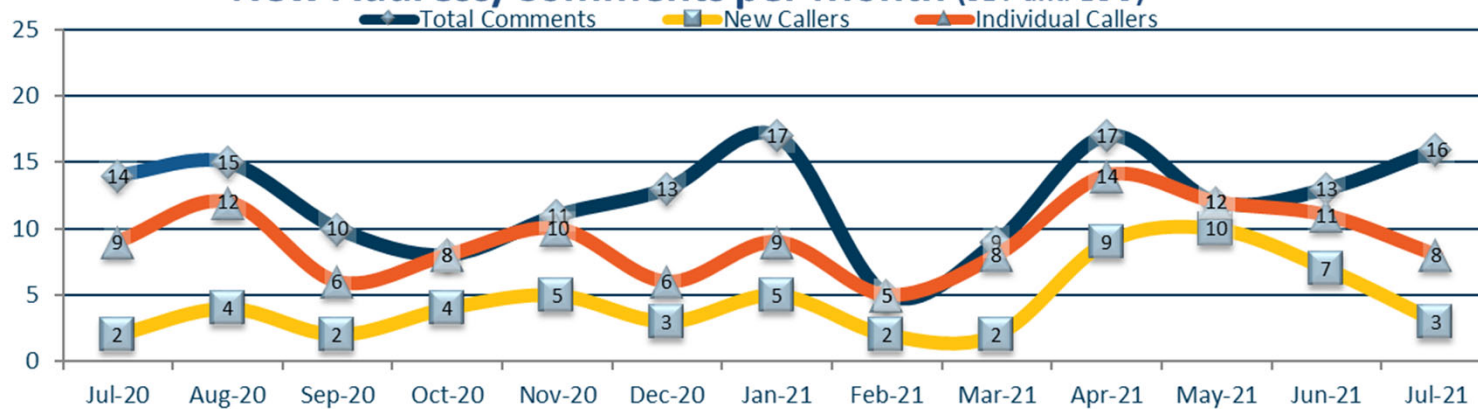
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Comment Location (SDF/LOU)

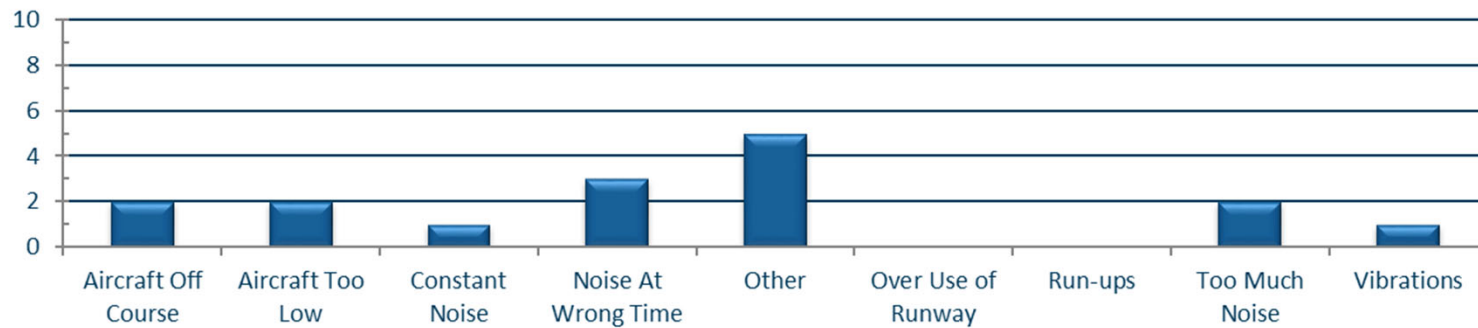
July 2021



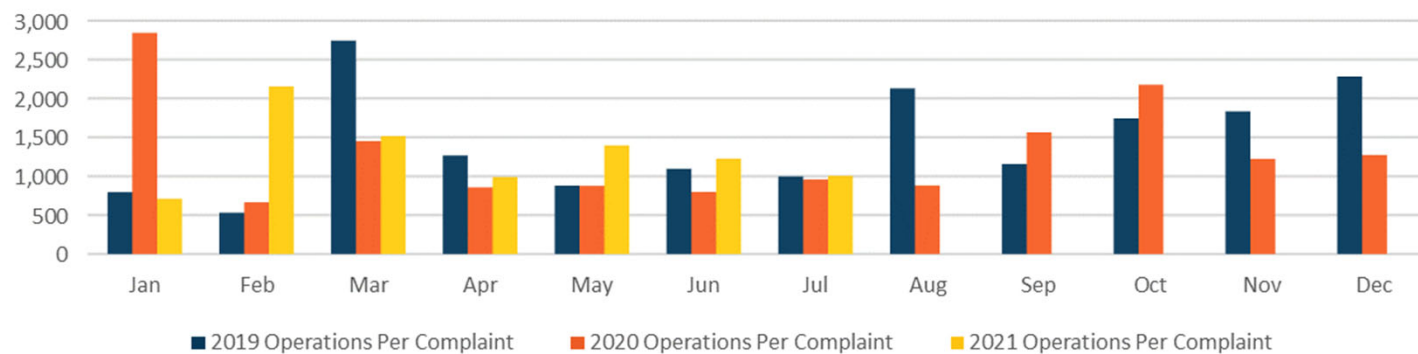
New Address/Comments per Month (SDF and LOU)



Comment Type (SDF and LOU) July 2021



Operations Per Complaint (SDF)



NOISE COMMENT REPORT

LOUISVILLE REGIONAL AIRPORT AUTHORITY



August 2021

Comments (SDF/LOU)

August 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Reading Rd	40217	NE (65+)	2021-08-02 13:31:00	2021-08-02 13:31:00	SDF	Other	Investigated	Standard	None	I live in a residence with a great deal of airport noise 24/7. I live in a house in Parkway Village, on Reading Road, that I bought in 2018. My house is in an area that was first in line for the Quieter Homes program. Unfortunately, the previous owner did not take advantage of that program and I am left with a great deal of noise. The noise is so loud that if I am on a meeting, both me and my wife work from home, I have to pause speaking because people can't hear me in the meeting. Large aircraft fly directly over my house at all hours of the night. Some are UPS and some are commercial airlines. I am wondering if I have any options that won't cost me an arm and a leg or if you can point me in the right direction.
Iroquois Ave	40214	SW (<60)	2021-08-04 15:13:00	2021-08-03 23:00:00	SDF	Constant Noise	Investigated	Standard	None	I would like to complain about UPS during the night. It has been going on for quite a while now, we cannot even sleep. Last night it started about 11:00 p.m. went all the way through the night and ended about 5:00 a.m. The night before it was the same. About a week ago they did it Monday through Friday and it lasted about two weeks straight. Then they had about a week off and now yesterday they started back up. I guess they are just starting up their planes, working on them and moving them around. There is none taking off and there is just a constant roaring. It is really, really bad, you cannot even sleep.

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Comments (SDF/LOU)

August 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Reutlinger Ave	40204	NE (<60)	2021-08-06 14:11:00	2021-08-06 14:11:00	SDF	Too Much Noise	Investigated	Non-Standard	None	We have spoken before about the planes overhead. It is totally ridiculous. I do not have cable or streaming service so I cannot even watch TV when the planes go over.
Holsclaw Hill Rd	40109	SW (60-65)	2021-08-09 15:29:00	2021-08-09 15:29:00	SDF	Aircraft Too Low	Investigated	Standard	None	The planes are really low this afternoon. The Honolulu flight just went over at 1,900 feet. I guess UPS started the trend of flying at lower altitude and now Southwest and the others have followed. Spirit is super low.
Allen Dr	40118	SW (60-65)	2021-08-10 04:20:00	2021-08-10 04:20:00	SDF	Noise At Wrong Time	Investigated	Standard	None	In the last 2 months we have had planes flying over our house every night. We can't sleep anymore, and our baby wakes up as well. We live on Allen Drive. I would do just about anything to solve this problem. Not sure who to contact but could you help us with this problem or direct us to someone who can? I found your email online. We would be so grateful for any help you can provide!
Landor Ave	40205	NE (NA)	2021-08-10 14:27:00	2021-08-10 14:00:00	LOU	Other	Investigated	Standard	None	Just wanted to send over a note to see if there is an increased number of flights today between 2:00 p.m. EST - 2:25 p.m. EST. There seems to be an increased level of noise than typical.

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Comments (SDF/LOU)

August 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Top Hill Rd	40118	SW (<60)	2021-08-13 15:10:00	2021-08-10 17:45:00	SDF	Too Much Noise	Investigated	Standard	None	Within the past year or two, Airport traffic and noise has heavily increased in the Fairdale and more specifically the Jefferson Memorial Forest area of Jefferson County. While I am an advocate of commerce, I am well aware of the disadvantages that has been imposed by anyone west of I65. I am asking that you review flight traffic patterns and determine a greater flight pattern that impacts the fewest individuals within our Louisville community. I further ask that you consider rotating the traffic to at the minimum, create fairness in our community and how it is impacted. I have two small children and too often in the early morning, lunch hour, and early evening hours I have to see my children lift their heads to count the loud airplanes. This is a disturbance to our great Louisville neighborhoods and becomes a sore point for our local and often forgotten citizens. This is not how we create great neighborhoods. Thank you for your consideration in making our community more friendly to its residents.
Preston Hwy	40229	SE (<60)	2021-08-19 05:14:00	2021-08-19 04:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	I have lived here for 28 years; the planes wake me up at 4:00 a.m. It sounds like they are going to land in the front yard. It has been going on for at least a year or longer.
Observation Cir	40243	SE (<60)	2021-08-27 13:53:00	2021-08-19 07:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	Unusual noise around 7:00 a.m. for about 1-2 hours.

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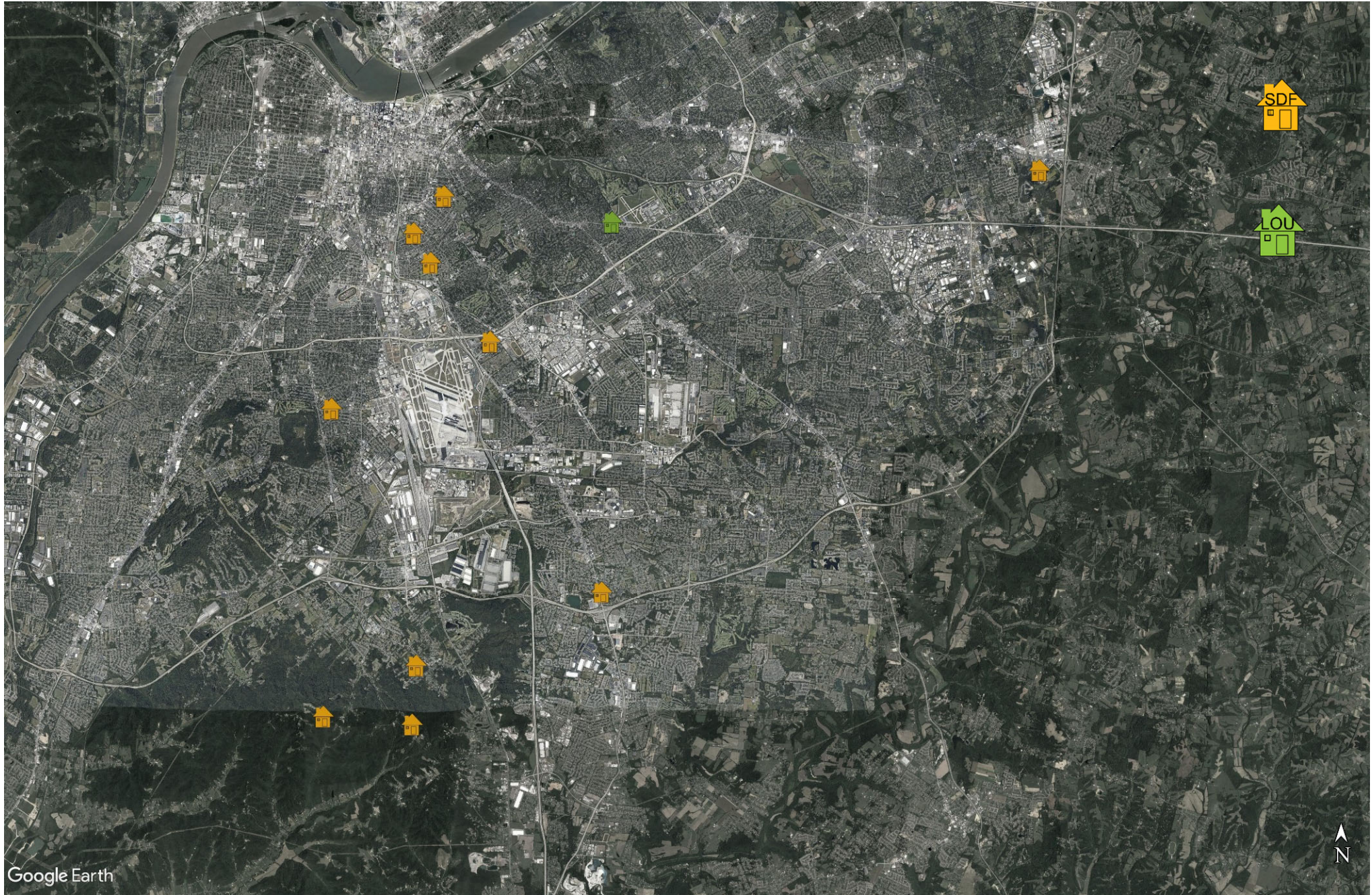
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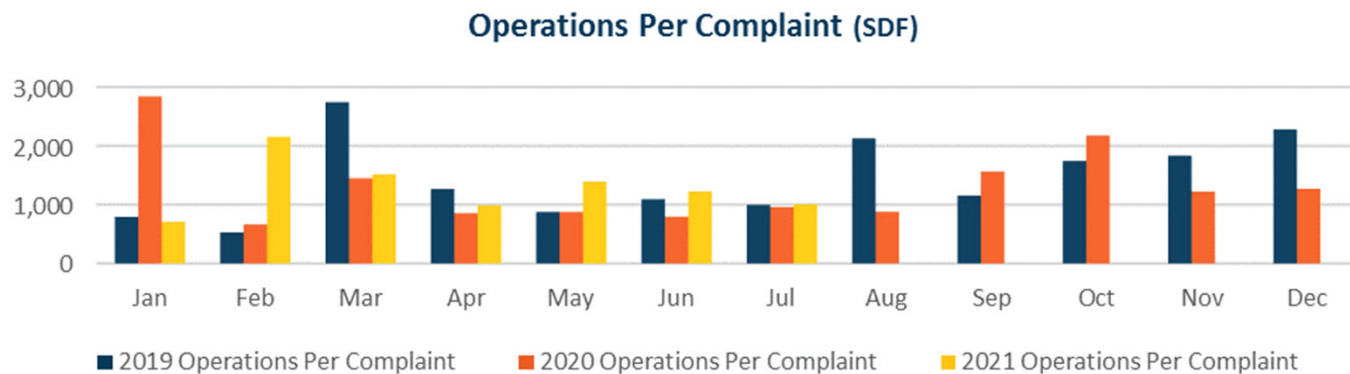
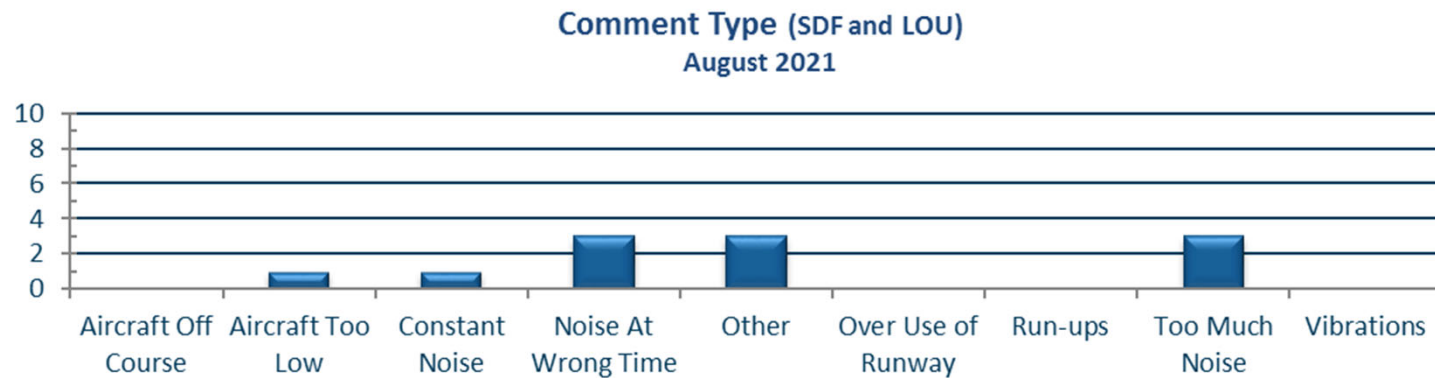
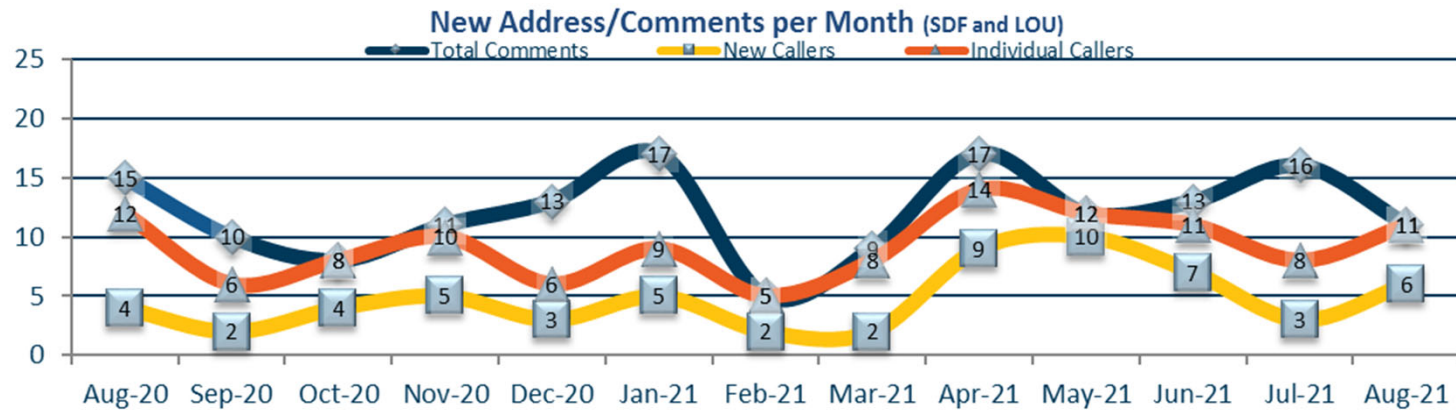
Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
E Brandeis Ave	40217	NE (60-65)	2021-08-23 12:00:00	2021-08-23 12:00:00	SDF	Too Much Noise	Investigated	Standard	None	I am calling regarding my mother's house. We were calling to get some flight information about the airplanes flying over the house. We visited one of your meetings several years ago over at Saint Elizabeth. You said you should probably be in this area by this time. We would like to get an update with that and see where they are at because they are still currently flying over our house. Now it is starting to cause damage to her front porch.
Trinity Park Dr	40213	SE (<60)	2021-08-26 14:24:01	2021-08-26 14:26:01	SDF	Other	Investigated	Standard	None	I live in an older house and the roof is starting to sag. I had heard that the airport has a program to replace windows and doors and wanted to check to see if they might do something with roofs.
							Received	LRAA	11	

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Comment Location (SDF/LOU)

August 2021





NOISE COMMENT REPORT

LOUISVILLE REGIONAL AIRPORT AUTHORITY



September 2021

Comments (SDF/LOU)

September 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Weatherby Wy	47150	SI (<60)	2021-09-02 10:30:00	2021-09-02 10:30:00	SDF	Other	Investigated	Standard	None	I just moved to New Albany. I was wondering why some days we have steady air traffic overhead, and some days there is little or none. They are mostly UPS jets.
Weatherby Wy	47150	SI (<60)	2021-09-02 10:52:00	2021-09-02 10:52:00	SDF	Other	Investigated	Standard	None	I'm not complaining about the air traffic noise, that would be goofy. I was just curious about the patterns. It seems like they are steady all day one day, then little to none the next day. I know the changing winds dictate a lot of this, and it seems to drop off to only a few overnight. Maybe I need to insulate the attic better.
Holsclaw Hill Rd	40109	SW (60-65)	2021-09-03 04:24:00	2021-09-03 04:24:00	SDF	Noise At Wrong Time	Investigated	Standard	None	Got your airplanes waking us all up again of course. Got one flying over super low again. 747's are shaking the house again right now. No one sleeping at this hour and it is a good night to have our windows open with the cooler temperatures, but we cannot enjoy that. The decibels are above 60 with the windows closed.
N Barbee Way	40217	NE (60-65)	2021-09-15 13:13:00	2021-09-15 13:06:00	SDF	Too Much Noise	Investigated	Standard	None	I have a new home on N Barbee Way. The airplane noise can be overwhelming at times. If I had realized the level of noise, I probably would have re-thought the purchase. Is there any help that can be provided?
S 5th St	40214	NW (<60)	2021-09-15 17:00:00	2021-09-15 17:00:00	SDF	Aircraft Off Course	Investigated	Non-Standard	None	The UPS jets are going over my house again. There is no reason for it. They should keep going straight. They are on the west runway and they bank to left hard as soon as they leave the ground. It is causing them to come right over my house. There is no reason in the world why they can't go down and do that over Churchill Downs, it is too noisy here. They started that again today. I am going to call you every day of the world the next time I hear a jet or see a jet going over my house.

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Comments (SDF/LOU)

September 2021

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Pawnee Dr	47130	SI (<60)	2021-09-22 11:06:00	2021-09-22 05:00:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I was awakened up a 5:00 a.m. by the UPS planes again this morning. I called you awhile back and things had gotten better. However, they have been back for the past couple of days. I am going to get insulation put in my attic and would like to know if the airport or UPS is going to help pay it?
Greenup RD	40217	NE (<60)	2021-09-28 09:25:00	2021-09-28 09:25:00	SDF	Constant Noise	Investigated	Non-Standard	None	I am requesting that legislation be enacted to regulate the guidelines for the flight patterns for UPS that require them always use the South runway, like they're supposed to be doing, and to require them to purchase the quiet planes the company promised to outfit their entire fleet with more than 20 years ago. This email is long but feel it's necessary to describe what I and 70% of this city deals with continuously. The UPS bombing raids have been going on nonstop 24/7 for almost 40 years now, and it just keeps getting worse. They fly non-stop for hours at a time. Before the sound of one plane dies out you can already hear the sound of another plane coming. It is NON-STOP. UPS has been torturing and terrorizing at least 70% of the people of this city/county non-stop for almost 40 years. I've seen their planes fly just like 40 feet above people's homes when they're coming in for a landing. There have been many weeks when I've only been able to get about 15 hours of sleep a week, because the nonstop noise keeps me awake, teachers can't teach class? They just have to shut up if they're giving a presentation because the noise is so loud from the planes students can't hear them.

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Comments (SDF/LOU)

September 2021

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Phillips Ln	40165	SE (<60)	2021-09-29 12:04:00	2021-09-29 00:32:00	SDF	Aircraft Too Low	Investigated	Standard	None	The planes are still flying much too low over Bullitt County and despite multiple complaints, nothing has been done about the problem. It is after midnight right now and the inbound traffic is louder than my CPAP machine! I live 12 miles away from the airport I should not hearing these planes! Plus, the traffic pattern is being routed directly over my house which did not happen prior to 2019. I have called before, and this is my third email communication. I am tired of being ignored and even more tired of losing sleep because the traffic controllers are routing the planes too low! I have been hearing similar complaints from other people in the area and from the Hillview area as well. I have been tracking the flights with a flight tracking app and according to this app I was correct with my first complaint. They are at least 1000 feet too low and many cases much lower than that. I have several hundred screenshots to use as the "individual complaints" that I was told I needed for you guys to actually do something. So, who do I send these complaints too since talking to you guys seems to be of no value?
S 5th St	40214	NW (<60)	2021-09-29 22:15:00	2021-09-29 22:12:00	SDF	Aircraft Off Course	Investigated	Standard	None	At 10:12 p.m. there was a low flying jet that went square ass over my house. I will call you every time one goes over my house. Until I get a good story of why they have to do that. This is not a flight path. I looked it up on the map so don't tell me anything different.

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)

September 2021

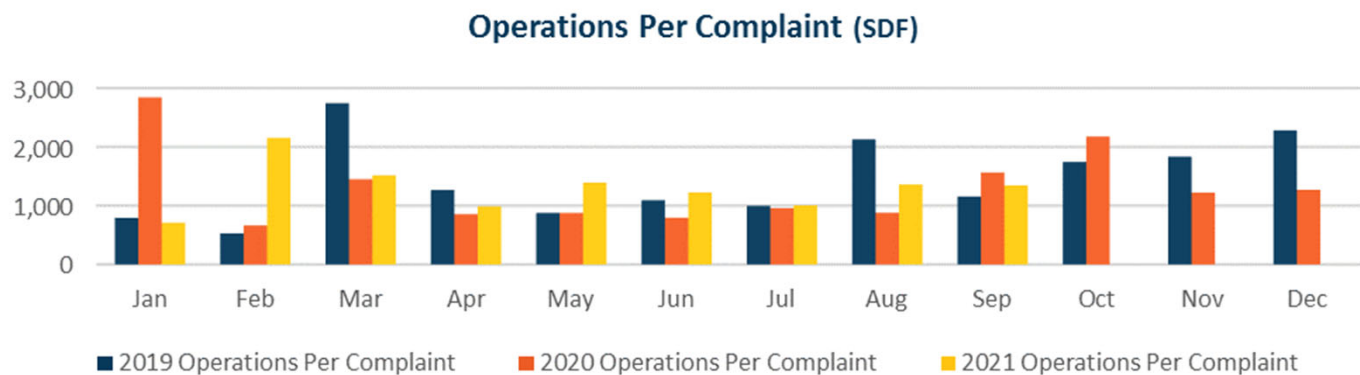
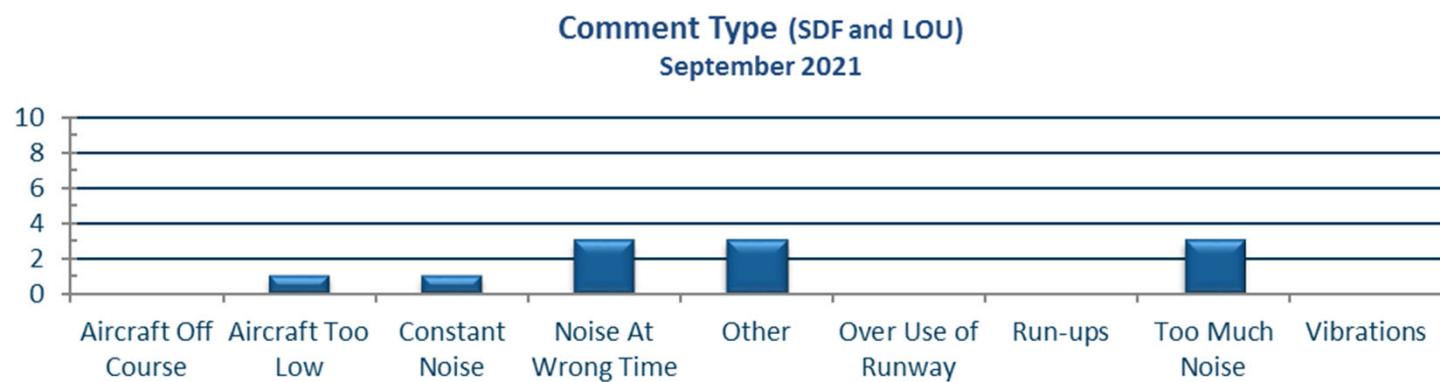
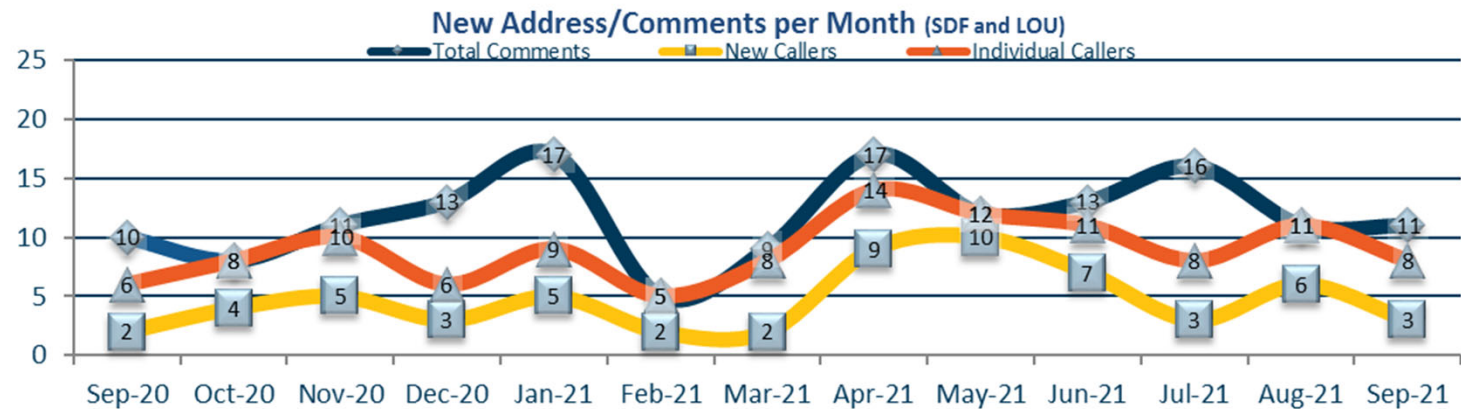
Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type ¹	Deviation Type ²	Comments ³
Holsclaw Hill Rd	40109	SW (60-65)	2021-09-30 04:17:00	2021-09-30 04:17:00	SDF	Too Much Noise	Investigated	Standard	None	The planes have gotten way too much, way too loud, way too low. This needs to end now. We are fed up with you letting the UPS planes fly over our houses. You are letting it happen. I cannot sleep or live up here with your planes and you letting them fly over like this. You need to get them stopped.
Eastern Pkwy	40217	NE (60-65)	2021-09-30 15:00:00	2021-09-30 15:00:00	SDF	Other	Investigated	Standard	None	How come I am not in the QuieterHome program? The program stopped right across the corner from where I live.
							Received	LRAA	11	

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

Comment Location (SDF/LOU)

September 2021





Daily Runway Use Uncorrected (SDF) July 2021

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

X

Complaint

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

Daily Runway Use (SDF)

Tower Comments July 2021

Day	Date	Time	Comment
1-Jul-21	Thu	1400-2100	Stayed North Flow Due to forecasted winds 30006KT. And wet runways from thunderstorms
2-Jul-21	Fri		
3-Jul-21	Sat	2200-0000	Winds logged at 2232 lcl 31009KT
4-Jul-21	Sun		
5-Jul-21	Mon	0900-1030	Late Change due to "On the Job Training" taking place
5-Jul-21	Mon	1400-1430	1400 lcl winds logged 33007KT and remaining North. Probably waited to if winds would calm down.
6-Jul-21	Tue		
7-Jul-21	Wed		
8-Jul-21	Thu	0900-1030	0907 lcl winds logged at 21010KT and Flight Check operations were in the area.
8-Jul-21	Thu	2200-0000	Appears we remained south flow due to weather south of SDF blocking the finals.
9-Jul-21	Fri	0000-0230	Remained south flow due to weather south of SDF.
9-Jul-21	Fri	1400-1800	Remained north flow due to forecasted winds of 33008KT.
10-Jul-21	Sat	1100-1330	Stayed south flow due to forecasted winds and wet runways.
11-Jul-21	Sun		
12-Jul-21	Mon		
13-Jul-21	Tue		
14-Jul-21	Wed		
15-Jul-21	Thu		
16-Jul-21	Fri		
17-Jul-21	Sat	0900-1130	at 0900 lcl log says remained south flow due to winds. Changed RWYs at 1130 due to a wind shift.
18-Jul-21	Sun		
19-Jul-21	Mon	2000-2130	Remained north due to forecasted winds of 06010G18KT. And wind at 3000MSL 05018KT. Logged at 1401 lcl.
20-Jul-21	Tue	0900-0930	Late switch due to volume
21-Jul-21	Wed		
22-Jul-21	Thu		
23-Jul-21	Fri	0900-0930	No explanation given
23-Jul-21	Fri	1400-1430	Late change due to traffic sequence already in airspace/volume
24-Jul-21	Sat		
25-Jul-21	Sun	0900-1330	Stayed south flow due precip building in the area winds were 20007KT. Expecting wet runways.
25-Jul-21	Sun	1900-2000	Late switch due to winds/weather winds for most of the morning were out of the NW with precip on the scope.
26-Jul-21	Mon		
27-Jul-21	Tue		
28-Jul-21	Wed		
29-Jul-21	Thu		
30-Jul-21	Fri		
31-Jul-21	Sat	0300-0830	Stayed north flow due to winds out of the North. 36007KT. Logged at 0348 lcl
31-Jul-21	Sat	1500-2100	Remained north flow due to wind 35007KT and wet runways. Logged at 1345 lcl

Daily Runway Use Uncorrected (SDF) August 2021

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

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 August 2021

Day	Date	Time	Comment
sun	1-Aug-21		
mon	2-Aug-21	0430-0600	Peak Wind 3609
tue	3-Aug-21	2100-2130	Peak Wind 0109
wed	4-Aug-21	0700-0830	Switched North early due to wind and Flight Check activity on RWY 35L/R
wed	4-Aug-21	2100-2130	Peak Wind 0109
thu	5-Aug-21		
fri	6-Aug-21	1400-1730	Peak Wind Gust up to 17kt from NW
sat	7-Aug-21	0900-1000	Log reflects North flow
sun	8-Aug-21		
mon	9-Aug-21		
tue	10-Aug-21		
wed	11-Aug-21		
thu	12-Aug-21		
fri	13-Aug-21		
sat	14-Aug-21		
sun	15-Aug-21		
mon	16-Aug-21		
tue	17-Aug-21	1400-1430	Rem North due to convective activity develeoping 5NM N of SDF
wed	18-Aug-21		
thu	19-Aug-21	0730-0830	Early Change due to TS in the vicinity and wind shift
fri	20-Aug-21		
sat	21-Aug-21		
sun	22-Aug-21	0900-0930	Late change due to traffic volume
sun	22-Aug-21	1400-1530	Rem North flow due to heavy VFR traffic at JVV
mon	23-Aug-21	1900-2130	Wind 3008G15
tue	24-Aug-21		
wed	25-Aug-21		
thu	26-Aug-21		
fri	27-Aug-21	1230-1330	Early switch to South flow due to convective activity approaching RWY 35L/R finals
sat	28-Aug-21		
sun	29-Aug-21		
mon	30-Aug-21	0900-0930	Late change due to weather over SDF
tue	31-Aug-21	0900-1330	Remaining south flow due to convective activity South of SDF and wet runways

Daily Runway Use Uncorrected (SDF) September 2021

[illegible]

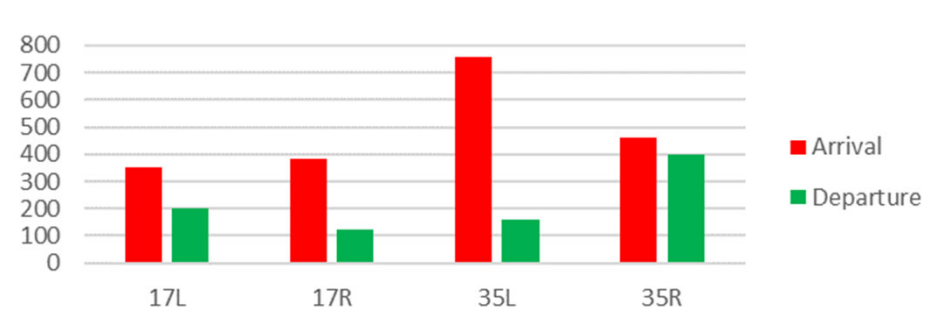
Daily Runway Use (SDF)

Tower Comments September 2021

Day	Date	Time	Comment
1-Sep-21			
2-Sep-21	1800-2130		Peak Wind 040@15
3-Sep-21			
4-Sep-21			
5-Sep-21	2030-0000		Wind 360@09
6-Sep-21	0000-0530		Wind 010@11
6-Sep-21	1400-1600		Peak Wind 350@08
7-Sep-21			
8-Sep-21	0900-1330		Remaining South for TS South of field.
8-Sep-21	2100-2130		Wind @ 1000MSL 310@10, SFC Wind 310@09
9-Sep-21	2100-2130		Peak Wind 330@10
10-Sep-21			
11-Sep-21			
12-Sep-21			
13-Sep-21	2200-0000		Remaining South flow due to winds aloft 210@020
14-Sep-21	0000-0230		Remaining South flow due to winds aloft 210@020
15-Sep-21	1600-1730		Remaining North due convective activity South of SDF
16-Sep-21	2200-0000		Remaining South flow for strong South winds aloft @ 1000MSL
17-Sep-21	0000-0230		Remaining South flow for strong South winds aloft @ 1000MSL
18-Sep-21	0900-1000		Changed to South due to 15kt South tailwind reported over threshold
19-Sep-21			
20-Sep-21			
21-Sep-21			
22-Sep-21			
23-Sep-21	1900-2130		Reason not documented
24-Sep-21	1230-1330		Changed South early to winds and traffic South of SDF.
24-Sep-21	2200-0000		Wind 190@09
25-Sep-21	0000-0230		Wind 190@09
25-Sep-21	0900-1430		Wet runways. Wind 240@06
25-Sep-21	1930-0000		Remaining West flow for training exposure.
26-Sep-21	0000-0700		Reason not documented
26-Sep-21	0900-1130		Remaining South flow due to peak wind 210@12
27-Sep-21			
28-Sep-21	0900-1330		Wind 200@11
28-Sep-21	1930-2130		Log reflects South flow
29-Sep-21	1400-1430		Remaining North flow for taxiway closures affecting access to and from terminal ramps
29-Sep-21	1830-2130		Change to North flow for taxiway lighting panel issues.
30-Sep-21	1400-1430		Late switch due to traffic volume

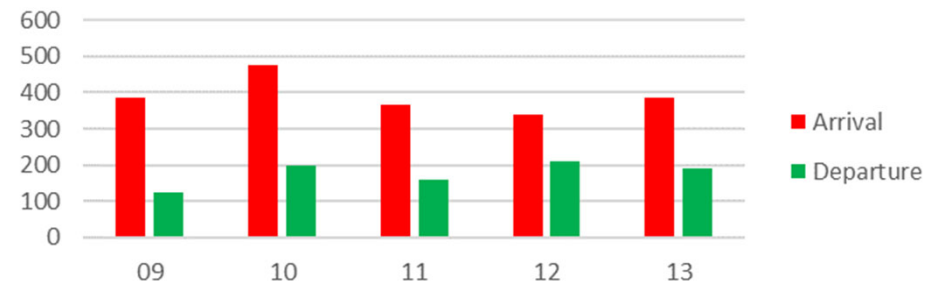
Runway Use 0900L-1400L_(SDF)

Runway

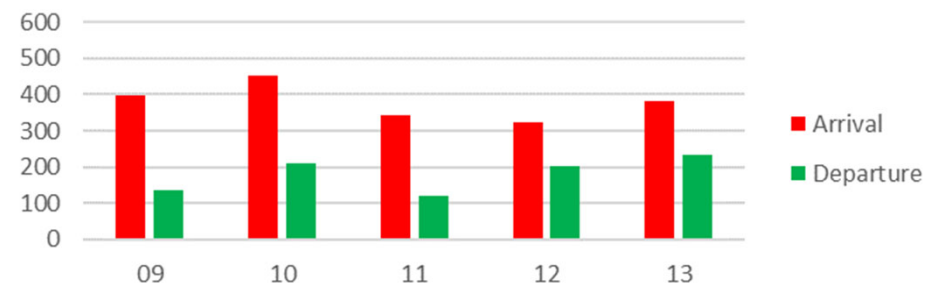
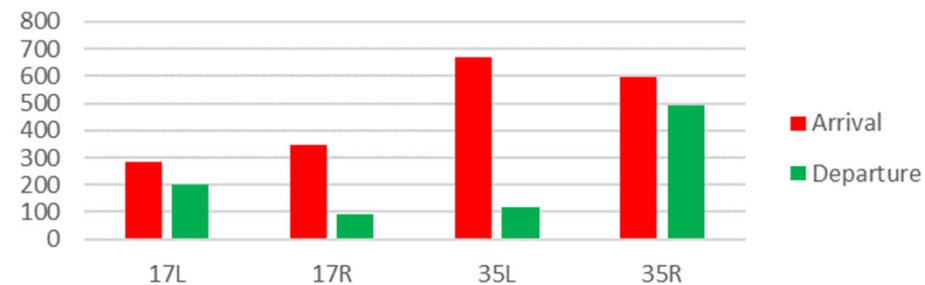


Hour

July 2021

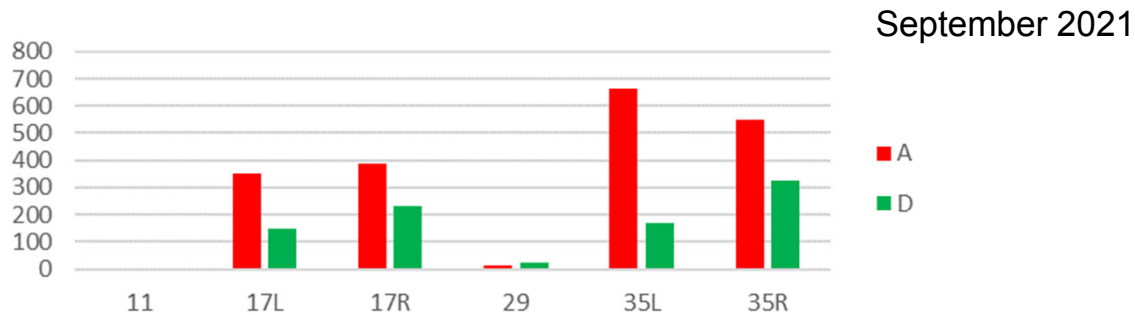


August 2021

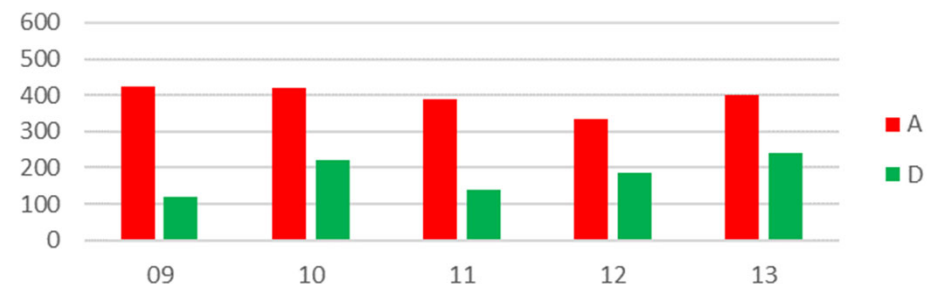


Runway Use 0900L-1400L_(SDF)

Runway

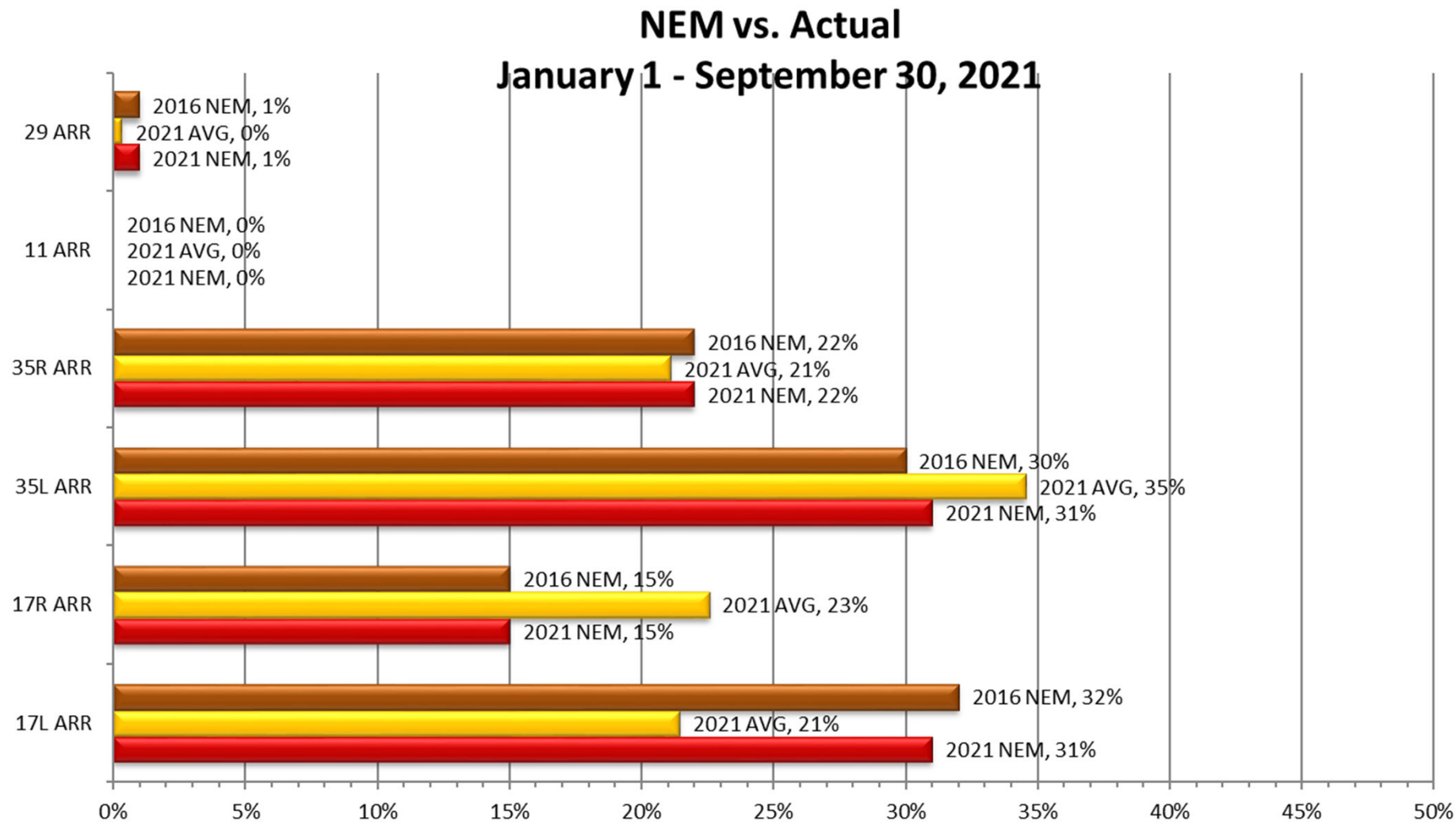


Hour



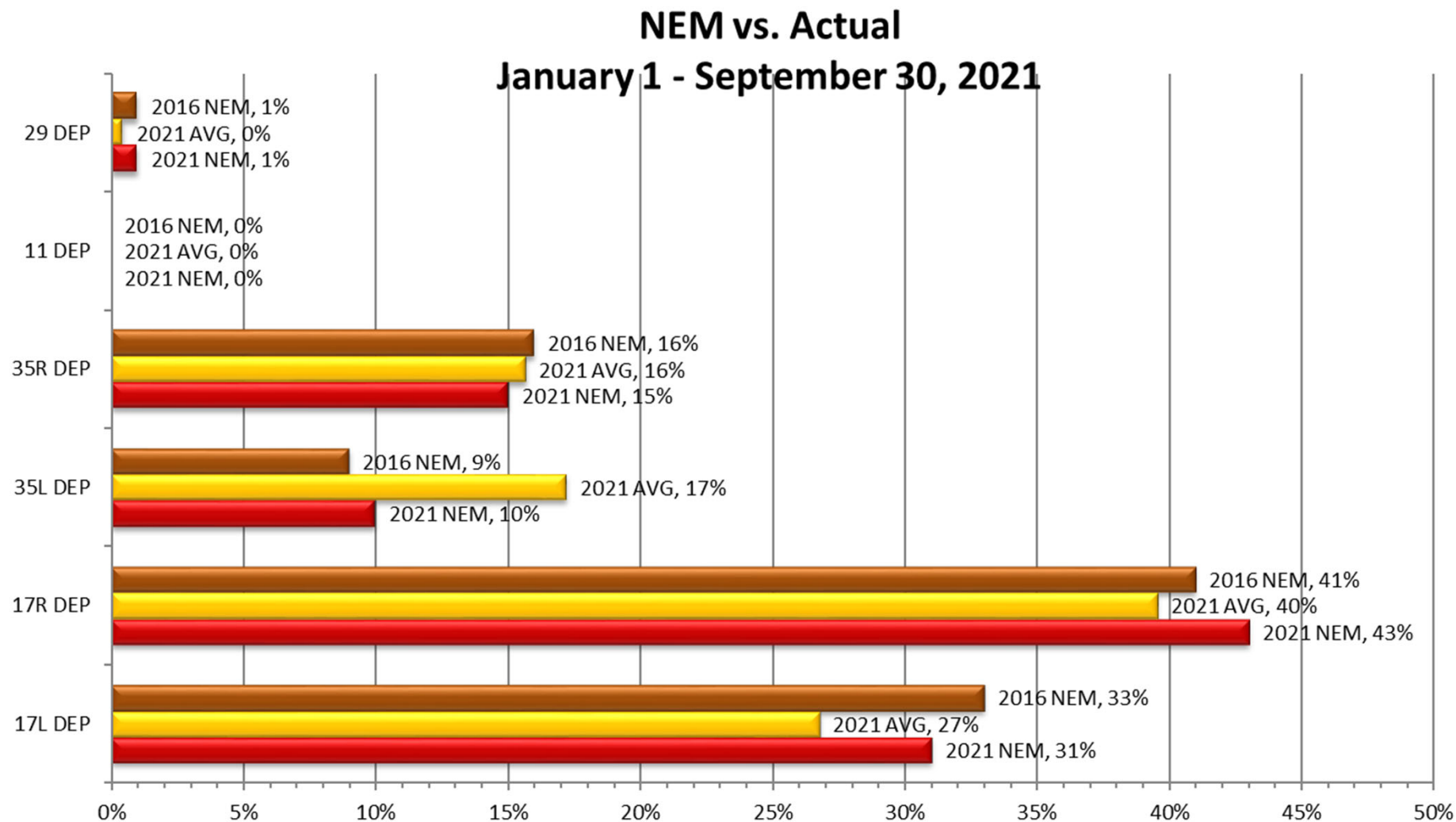
October 2021

Runway Use (SDF Arrivals)



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

Runway Use (SDF Departures)



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

Gate Compliance by Runway

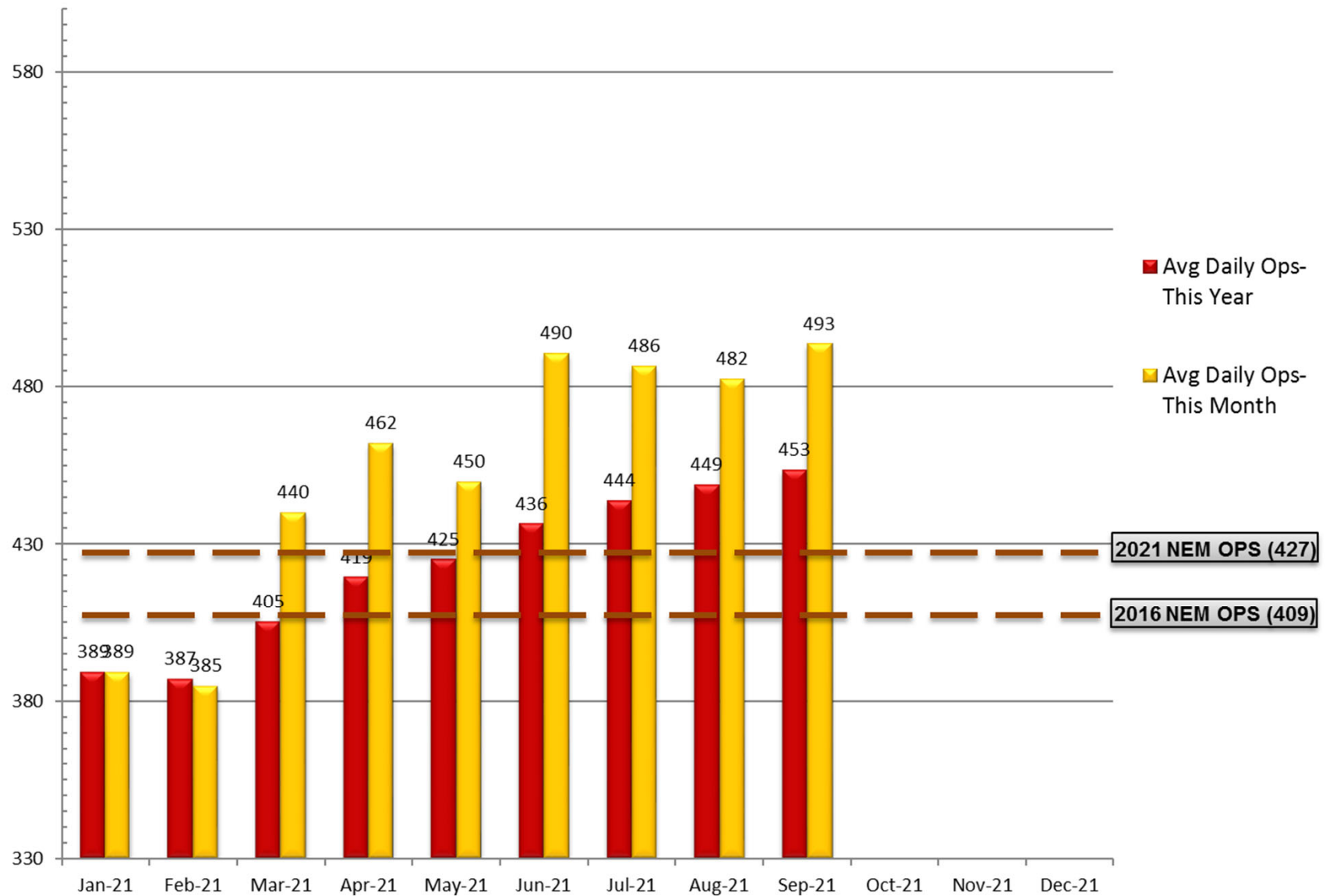
As of September 30, 2021

ARRIVALS Percent Compliant					Departure Percent Compliant					
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
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%
Jan-21	93%	95%	94%	91%	93%	78%	92%	70%	77%	79%
Feb-21	93%	94%	95%	92%	94%	72%	86%	73%	86%	79%
Mar-21	90%	96%	88%	91%	91%	72%	87%	64%	82%	76%
Apr-21	91%	95%	92%	89%	92%	68%	88%	75%	86%	79%
May-21	91%	95%	90%	89%	91%	83%	89%	69%	87%	82%
Jun-21	93%	96%	92%	91%	93%	80%	89%	67%	90%	82%
Jul-21	90%	94%	92%	91%	92%	82%	87%	76%	88%	83%
Aug-21	92%	95%	92%	93%	93%	82%	90%	71%	89%	83%
Sep-21	92%	93%	91%	94%	93%	79%	90%	67%	86%	81%
24 Month Avg.					92%					80%

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

Operations (SDF)

As of September 30, 2021

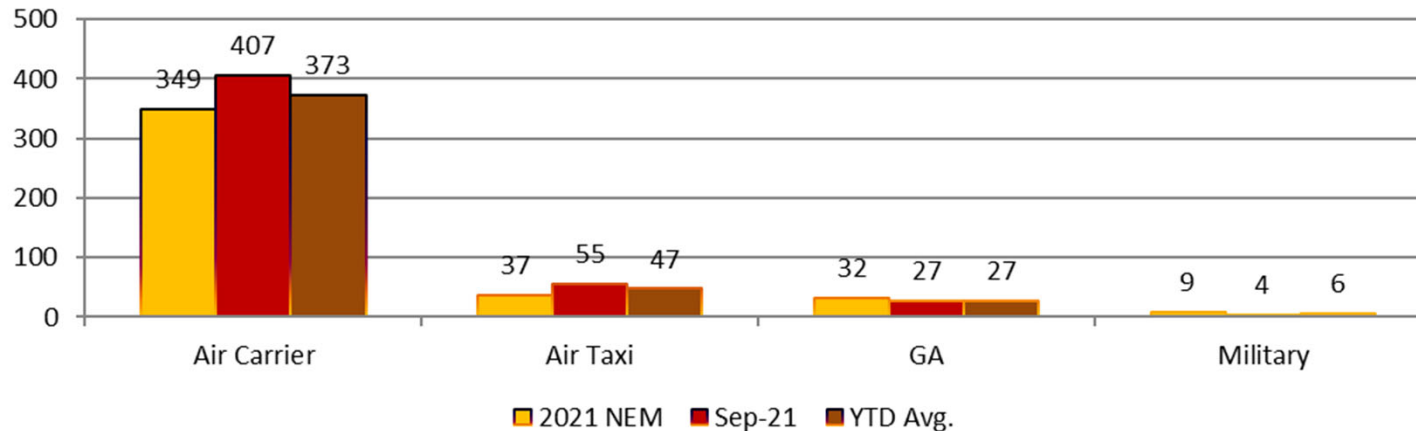


Source: Louisville <http://www.flylouisville.com/regional-airport-authority/reports-and-statistics/>

Operations and Landing (SDF)

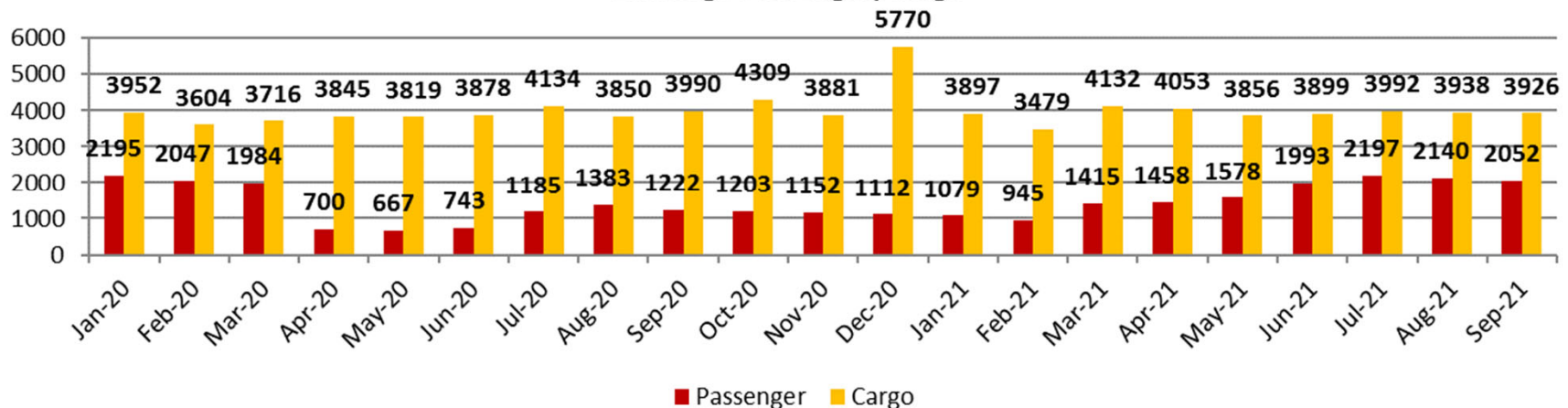
As of September 30, 2021

Average Day Operations by Category

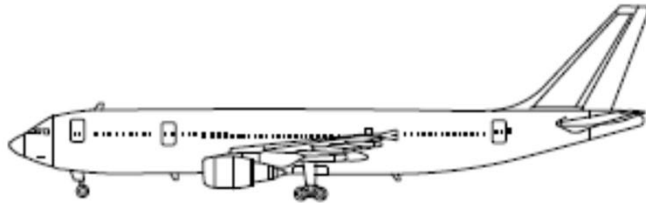


- **Air Carrier.** (AC) Aircraft with seating capacity of more than 60 seats or a maximum payload capacity of more than 18,000 pounds, carrying passengers or cargo for hire or compensation. This includes US and foreign-flagged carriers.
- **Air Taxi.** (AT) Aircraft designed to have a maximum seating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



Sample Aircraft Types (SDF)



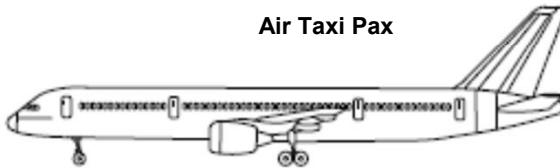
A300
Air Carrier Cargo



B767
Air Carrier Cargo



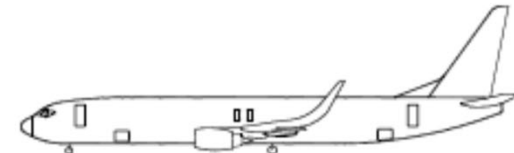
E135/45
Air Taxi Pax



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