

**Community Noise Forum**  
**Monday, January 27, 2020**  
**Agenda**

- I. Call to order: 6:00 PM
- II. Minutes: November 25, 2019
- III. Airspace Project Update
- IV. Part 150 NCP
  - A. Noise Insulation Program
  - B. Contraflow Exceptions
- V. Current Noise Concerns
  - A. Noise Concerns/Complaints
  - B. Runway Utilization
  - C. Construction and Maintenance Activity
- VI. Guest Comments
- VII. Announcements
- VIII. Next Meeting: March 23, 2020
- IX. Adjournment

**COMMUNITY NOISE FORUM (CNF)**  
**Monday, November 25, 2019**

**Members**

John Sistarenik, ANA  
Denny Thompson, Southeast  
Tom Foote, Airline Affairs  
Bob Slattery, LRAA

Brian Sinnwell, LRAA  
Mary Rose Evans, LRAA Board  
Mike Zanone, Northwest  
Aaron Rosenblum, Northeast

**Guests**

Pat Slocum, Preston Park  
Don Slocum, Preston Park  
Bill Graham, Fairdale  
Natalie Chaudoin, LRAA

Nicole George, Metro 21  
Billy Clifford, Brooks  
Sara Brown, LRAA

- I. **Call to order:** The meeting was called to order at 6:00 p.m. by John Sistarenik.
- II. **Minutes:** The September meeting notes were approved as written.
- III. **Louisville PBN Scoping Review and Finalization Meeting:** Bob Slattery attended the airspace meeting that was held at UPS on November 19, 20, and 21. The purpose of the meeting was to further develop the scope of work for the airspace project. Currently, the scope of this project involves modifying the airspace for Louisville, Indianapolis, and Lexington in order to improve safety and efficiency. In conjunction with improved efficiency the modifications should help to minimize aircraft movements below 5000' AGL (Above Ground Level). This should help with keeping aircraft higher for longer periods of time on approach, as well as helping to aircraft reach higher altitudes quicker on departure. In support of the airspace redesign, issues with air traffic controller radar feeds, radio frequencies and spectrums, and a safety review of flights at Mohammad Ali, Bowman Field, Clark County and downtown helicopter operations may be looked at as well. All discussions to date are preliminary. Looking beyond what procedures the aircraft can fly, the project is also looking at what the air traffic controllers can manage. Currently, a project kickoff meeting is tentatively scheduled for March 3-5, 2020. The official community outreach for the project should begin at that time. Subsequent steps in the process will include environmental review and community outreach prior to finalizing procedures. The anticipated earliest date for any new procedures or modifications would be 2022. Bob also updated the group on the status of the **Early Morning Departure Trial**. The procedure test is still on hold until sometime after the first of the year. Jonathan is continuing to work with the FAA in order to get approval to do the test. The FAA does not have a protocol for live testing of procedures coded in the aircraft computer. He is currently investigating a simplified approval process and is in discussions with FAA to determine a course of action.

#### IV. Part 150 NCP:

- A. Noise Insulation Program: Residential** – Testing results were sent to the first group of homes tested. A total of 40 homes were tested and 32 of those were determined to have an average interior noise level of 45 dB or greater. Designs for this initial group of homes are expected to begin in early January.
- UofL** – A notice to proceed was issued to the contractor for construction at Overseers Honors House, Life Sciences and Paul B. Lutz Hall. Physical construction is expected to begin in late January.
- B. Contraflow Exceptions:** Contraflow for September was 83% for arrivals from the south and 77% for departures to the south. In October, arrivals from the south were 79% and departures to the south were 78%. A daily summary for September and October is contained in the handout. Currently, for calendar year 2019 arrivals from the south are 74% and departures to the south are 81%. The 2 year average (November 2017 through October 2019) for contraflow is 73% for arrivals and 78% for departures. A monthly summary going back 8 years is included in the handout.

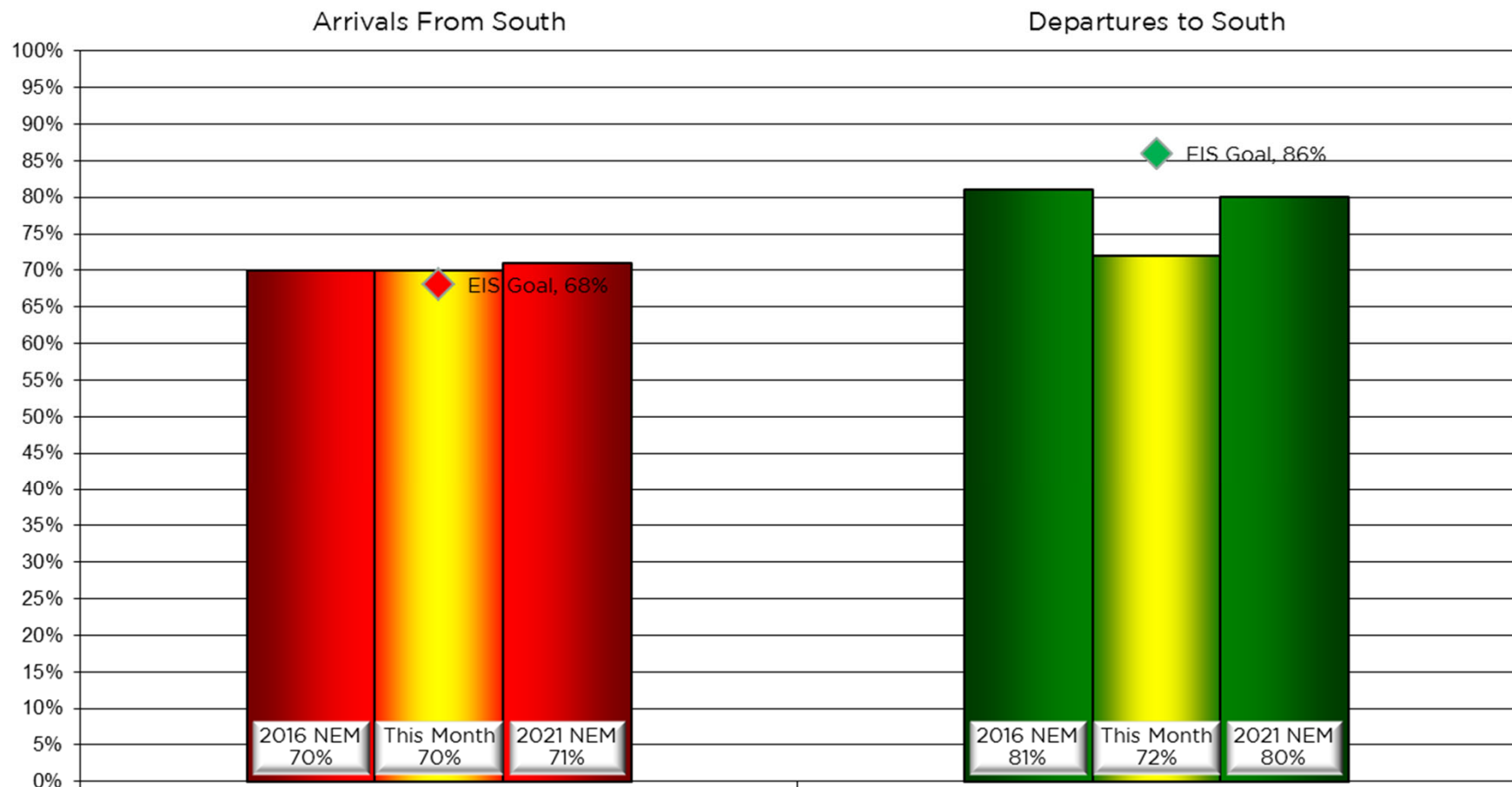
#### V. Current Noise Concerns:

- A. Report on Noise Concerns/Complaints:** A total of 14 comments were received in September. In October, a total of 10 comments were received. Comments and locations are contained in the handout. Mike Zanone asked for an explanation of the September comment from Ashland Avenue. Bob replied that the remarks “Non-Standard” and “Weather” are related to the runway configuration at the time the comment was received and not a specific response to the comment itself. Aaron Rosenblum asked if that was the area where the UPS hangar was going to be located. Tom Foote replied that it is a potential location for a new hangar. The specific location was not specified. Mike Zanone asked if that building a hangar in that area was likely to have significant noise impacts in the Beechmont area. Bob replied that simply building the hangar may not significantly increase the noise levels in that area. Aircraft currently taxi in that area and currently depart to the south from the west runway. Aaron Rosenblum asked if there were any significant changes to flight patterns related to the concerts that were held in September. Bob replied that those issues would be seen in the tower comments regarding runway use. The east runway was closed for maintenance on festival weekends this year. That may not necessarily be the case in the future. No comments were noted as being directly related to the runway being closed for the concerts.
- B. Runway Utilization:** Runway utilization percentages for September and October contained in the handout. Daily runway utilization and comments from the Air Traffic Control Tower are also included in the handout.
- C. Construction and Maintenance Activity:** Brian Sinnwell reported that the airport authority spent approximately \$20 million dollars on airfield

construction in the past year. Next year will be more of the same with 2 runway rehabilitation projects currently in design and an electrical project scheduled to begin in January. Terminal renovation work is on-going and currently focused on parking lots. Rental cars are being moved to the parking garage and those spaces are being moved to a new surface lot located where the cell phone was previously located. The cell phone lot has been moved to the west side of the airport in the area near the post office. **Master Plan Update** – Work is ongoing and on schedule. The plan should be ready for submittal to the FAA around March. Mike Zanone asked if there were plans for public meetings. Brian replied that anytime he or Dan are in public meetings they are discussing the masterplan. The FAA likes that as public involvement. Information will also be posted on the airport website as well as social media to let people know what is going on.

- VI. Presentation: Updated Airport Website:** Ms. Sara Brown from the Authorities Public Relation department reviewed information and features on the airports updated website. Bob Slattery reviewed the updated flight tracking application.
- VII. Guest Comments:** None
- VI. Announcements:** None
- IX. Next Meeting:** January 27, 2020
- X. Adjournment:** A motion was made to adjourn the meeting at 6:59 p.m.

## Monthly Contraflow November 1-29, 2019



# Daily Runway Use Summary – November 2019

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

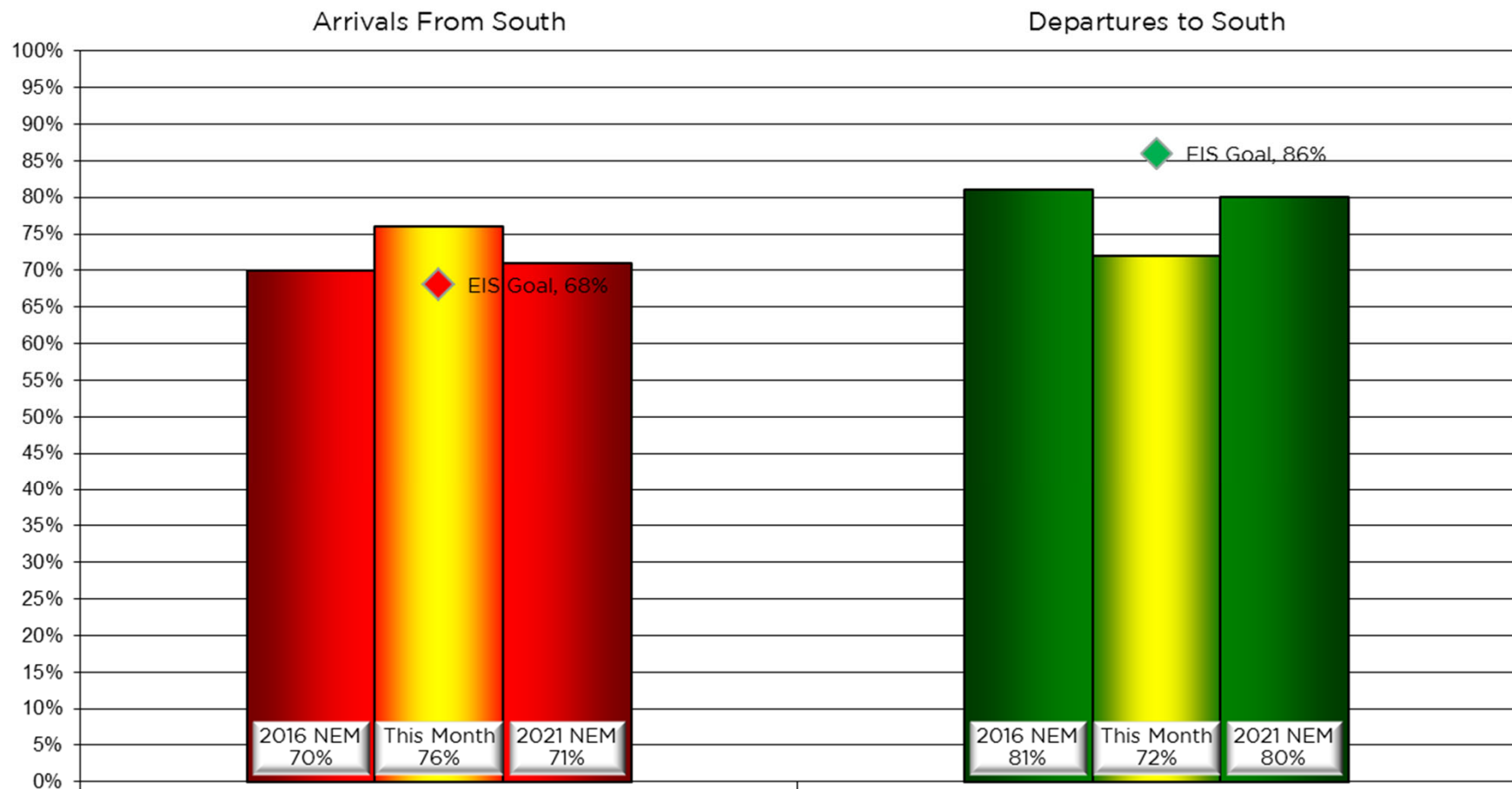
		% of all arrivals from the south										% of all departures to the south												
		Unknown										Unknown												
		*in	Runway#						Runway	Notes /			**in	Runway#						Runway	Notes /			
11/01/19	Fri	90%			7	3			56	34	0			97%			35	62			2	1	0	
11/02/19	Sat																							
11/03/19	Sun																							
11/04/19	Mon	25%			30	45			17	8	0	150-240@4-6kts		87%			31	56			2	11	0	
11/05/19	Tue	95%			2	2		1	60	35	0			86%			33	53			7	7	0	
11/06/19	Wed	95%			2	3			61	34	0			85%			33	52			6	9	0	250-270@4ts,ra
11/07/19	Thu	100%							63	37	0			0%							66	34	0	350-010@5-9kts
11/08/19	Fri	94%			2	4			58	36	0			93%			42	51			3	4	0	
11/09/19	Sat																							
11/10/19	Sun																							
11/11/19	Mon	100%							61	39	0			0%							69	31	0	310-330@13-17kts,g24,sn
11/12/19	Tue	98%			1	1			57	41	0			89%			29	60			8	3	0	
11/13/19	Wed	0%			42	58					0	110-150@4-7kts		100%			38	62					0	
11/14/19	Thu	95%			2	3			57	38	0			86%			34	52			9	5	0	
11/15/19	Fri	96%			2	2			56	40	0			88%			38	50			8	4	0	
11/16/19	Sat																							
11/17/19	Sun																							
11/18/19	Mon	97%			1	2			58	39	0			88%			34	54			8	4	0	
11/19/19	Tue	100%							64	36	0			0%							45	55	0	290-330@4-8kts
11/20/19	Wed	0%			43	57					0	120-150@5-7kts (laser?)		100%			44	56					0	
11/21/19	Thu	1%			45	54			1		0	200-240@5-12kts,g16,ra		31%			5	26			32	37	0	200-330@5-11kts,ra
11/22/19	Fri	94%			2	4			58	36	0			94%			37	57			4	2	0	
11/23/19	Sat																							
11/24/19	Sun																							
11/25/19	Mon	0%			41	59					0	170-180@5-8kts		100%			37	63					0	
11/26/19	Tue	0%			45	55					0	150-160@5-14kts,g21,ra		100%			39	61					0	
11/27/19	Wed	99%						1	60	39	0			0%						2	59	39	0	280-310@6-7kts
11/28/19	Thu	96%				4			81	15	0			90%			37	53			8	2	0	
11/29/19	Fri	97%			1	2			57	40	0			93%			38	55			4	3	0	

Preferred Flow

DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

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

## Monthly Contraflow December 2-31, 2019



# Daily Runway Use Summary - December 2019

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

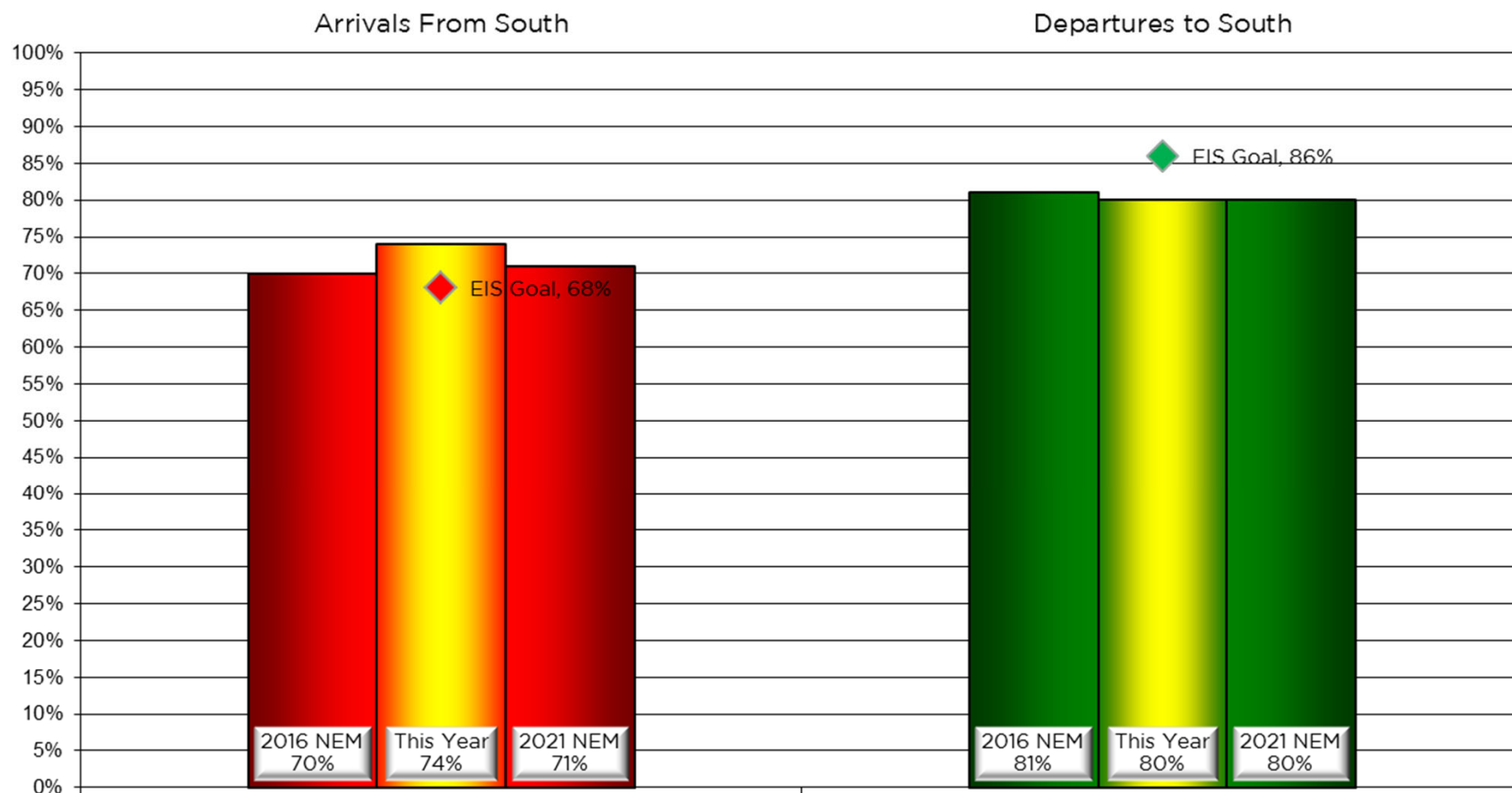
		% of all arrivals from the south										% of all departures to the south									
Date	Day	Unknown										Unknown									
		*in	Runway#						Runway	Notes /	**in	Runway#						Runway	Notes /		
		compliance	11	17L	17R	29	35L	35R	Use	Comments		compliance	11	17L	17R	29	35L	35R	Use	Comments	
12/02/19	Mon	94%			4	2		55	39	0		83%			37	46		12	5	0	ops
12/03/19	Tue	18%			35	47		11	7	0	220-250@6-11kts	97%			41	56		1	2	0	
12/04/19	Wed	94%			2	4		58	36	0		86%			35	51		10	4	0	
12/05/19	Thu	0%			47	53				0	100-150@3-5kts	100%			41	59				0	
12/06/19	Fri	95%			1	4		56	39	0		95%			37	58		2	3	0	
12/07/19	Sat																				
12/08/19	Sun																				
12/09/19	Mon	99%				1		59	40	0		0%					11	55	34	0	280-300@8-17kts,g22,ra
12/10/19	Tue	93%			3	4		55	38	0		86%			38	48		10	4	0	
12/11/19	Wed	92%			4	4		55	37	0		78%			32	46		14	8	0	ops
12/12/19	Thu	0%			43	57				0	130-140@3-6kts	100%			42	58				0	
12/13/19	Fri	100%						57	43	0		1%			1			59	40	0	320-360@5-9kts,ra
12/14/19	Sat																				
12/15/19	Sun																				
12/16/19	Mon	100%						58	42	0		0%						56	44	0	340-360@9-14kts,g20,ra
12/17/19	Tue	89%			3	8		52	37	0		21%			7	14		45	34	0	250-310@7-12kts
12/18/19	Wed	84%			5	11		53	31	0		81%			31	50		12	7	0	ops
12/19/19	Thu	88%			2	10		56	32	0		74%			34	40		21	5	0	ops
12/20/19	Fri	90%			3	7		58	32	0		73%			29	44		21	6	0	ops
12/21/19	Sat																				
12/22/19	Sun																				
12/23/19	Mon	88%			4	8		53	35	0		76%			29	47		18	6	0	ops
12/24/19	Tue	98%			1	1		59	39	0		77%			24	53		12	11	0	ops
12/25/19	Wed	53%			12	35		38	15	0	ops	100%			38	62				0	
12/26/19	Thu	13%			34	53		10	3	0	170-220@4-8kts	100%			37	63				0	
12/27/19	Fri	95%			1	4		56	39	0		95%			38	57		4	1	0	
12/28/19	Sat																				
12/29/19	Sun																				
12/30/19	Mon	99%			1			60	39	0		91%			41	50		6	3	0	
12/31/19	Tue	97%			1	2		58	39	0		78%			22	56		11	11	0	

Preferred Flow

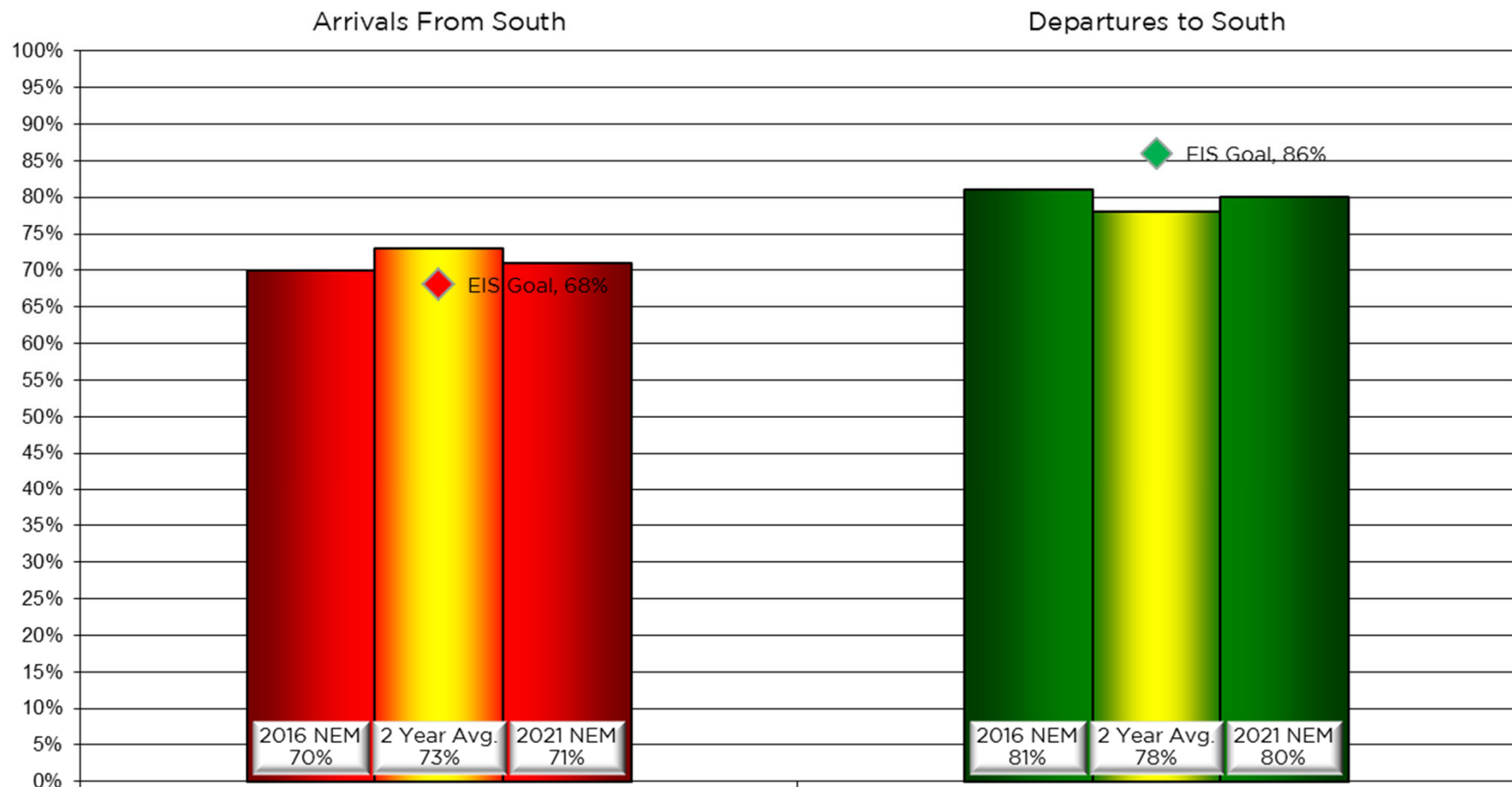
DATIS Reported Conditions Indicate  
Support for Non-Preferred Flow

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

## Contraflow This Year As December 31, 2019



## Contraflow 2 Year Average January 2018 - December 2019



# Year-to-Year by Month Percent\* Contraflow

Arrivals From the South (Goal 68%)										Departures to the South (Goal 86%)									
	2012	2013	2014	2015	2016	2017	2018	2019	Avg		2012	2013	2014	2015	2016	2017	2018	2019	Avg
Jan	62%	72%	51%	76%	69%	65%	60%	75%	66%	Jan	80%	65%	81%	76%	69%	61%	72%	69%	72%
Feb	69%	77%	72%	66%	80%	58%	67%	78%	70%	Feb	74%	78%	71%	76%	67%	77%	70%	57%	72%
Mar	61%	87%	60%	71%	63%	79%	84%	82%	73%	Mar	96%	77%	77%	66%	77%	62%	61%	89%	76%
Apr	78%	60%	67%	53%	86%	56%	73%	65%	67%	Apr	76%	89%	83%	77%	73%	80%	72%	82%	79%
May	72%	46%	60%	75%	62%	75%	43%	65%	62%	May	81%	85%	92%	80%	80%	80%	89%	90%	85%
Jun	79%	76%	75%	57%	79%	74%	74%	50%	71%	Jun	87%	80%	91%	91%	83%	93%	91%	91%	88%
Jul	62%	74%	79%	74%	59%	85%	90%	75%	75%	Jul	92%	88%	85%	80%	91%	85%	77%	87%	86%
Aug	49%	84%	61%	86%	76%	79%	72%	88%	74%	Aug	91%	92%	92%	91%	90%	90%	88%	89%	90%
Sep	55%	86%	85%	95%	88%	85%	80%	83%	82%	Sep	92%	87%	86%	73%	93%	31%	87%	77%	78%
Oct	62%	87%	75%	86%	81%	81%	77%	79%	79%	Oct	78%	89%	79%	74%	81%	82%	76%	78%	80%
Nov	84%	73%	78%	59%	74%	69%	76%	70%	73%	Nov	81%	83%	62%	88%	77%	75%	54%	72%	74%
Dec	64%	58%	78%	55%	75%	74%	72%	76%	69%	Dec	67%	71%	68%	79%	62%	74%	61%	72%	69%
Avg	66%	73%	70%	71%	74%	73%	72%	74%		Avg	83%	82%	81%	79%	79%	74%	75%	79%	

# NOISE COMMENT REPORT



# Comments (SDF/LOU)

## November 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
Ridgewood Ave	40217	NE (60-65)	2019-11-02 08:52:00	2019-11-02 08:52:00	SDF	Other	Investigated	Standard	None	I live on Ridgewood Avenue. I would like some information on the quite house program. I've lived there since 1996.
Holsclaw Hill Rd	40109	SW (60-65)	2019-11-05 05:15:00	2019-11-05 04:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	These airplanes are flying low again. A big one just went over and shook the house again. I was hoping you could tell me when they are going to start that trial. This is not working out; we are awake at 4:00 a.m. It is like a railroad right over the house.
Holsclaw Hill Rd	40109	SW (60-65)	2019-11-06 05:09:00	2019-11-06 04:00:00	SDF	Noise At Wrong Time	Investigated	Standard	None	It is 4:00 a.m. A big one just went over a few minutes ago and woke everyone up. It's like a railroad track right over my house with these planes man. I am hoping to hear that they are going to be trying this new pattern sometime soon.
Holsclaw Hill Rd	40109	SW (60-65)	2019-11-07 05:06:00	2019-11-07 04:00:00	SDF	Constant Noise	Investigated	Standard	None	I was hoping that since it was raining as hard as it is they would be using a different pattern or something. Again at 4:00 a.m. we are awake. It would be nice to hear back from you when you get a chance. Let me know if they are trying to do anything with this flight pattern change because we cannot get any sleep up here.
Navaho PL	40215	SW (<60)	2019-11-25 08:15:00	2019-11-25 08:15:00	SDF	Too Much Noise	Investigated	Standard	None	I talked with you once before several years ago and you said that I lived too far away to get new windows. On somedays it is really loud over here. I seem to notice it most on cloudy days. I was checking to see if you had any information you could give me on a contractor or someone that could install some windows in my house to help reduce the noise.

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

# Comments (SDF/LOU)

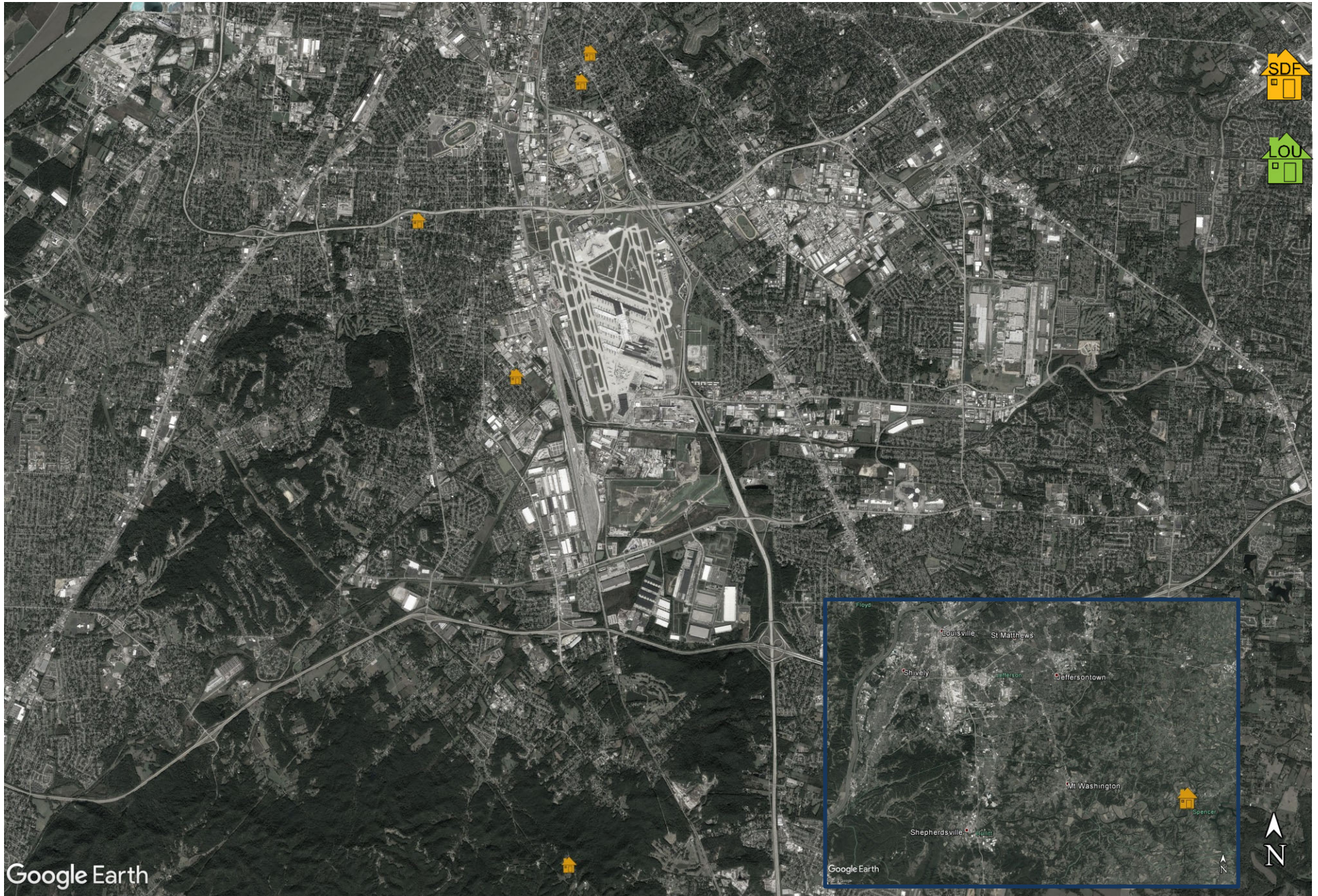
## November 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
E Southside Ct	40214	SW (<60)	2019-11-26 06:03:00	2019-11-26 06:03:00	SDF	Other	Investigated	Standard	None	I was wondering if my home on E Southside Court is in this area. I have noticed that the noise has gotten worse over the years.
Fetter Ave	40217	NE (65+)	2019-11-26 15:33:00	2019-11-26 15:33:00	SDF	Other	Investigated	Standard	None	I have contacted the QuieterHome Program by email four times since 11/5/2019 and twice left a voicemail regarding testing that was done in late summer. I have not received a response other than telling me it is in the mail. To date, it's not been in the mail. I would like someone to take charge and follow up.
E Main St	40071	SE (<60)	2019-11-27 13:22:00	2019-11-27 13:22:00	SDF	Aircraft Too Low	Investigated	Non-Standard	Weather	I am calling in about all these low flying big jets out here. They are flying entirely too low. That does not count the noise, the pollution and all that. I called in to see what is going on. It has been going on for the last 2 or 3 days. They are flying as low as the private planes do and there are a lot of them out here. It is a safety thing, it is a noise thing, it is a pollution thing and you all know all of that. If UPS is getting bigger and this is going to happen all the time it will be a problem.
							Received	LRAA	8	

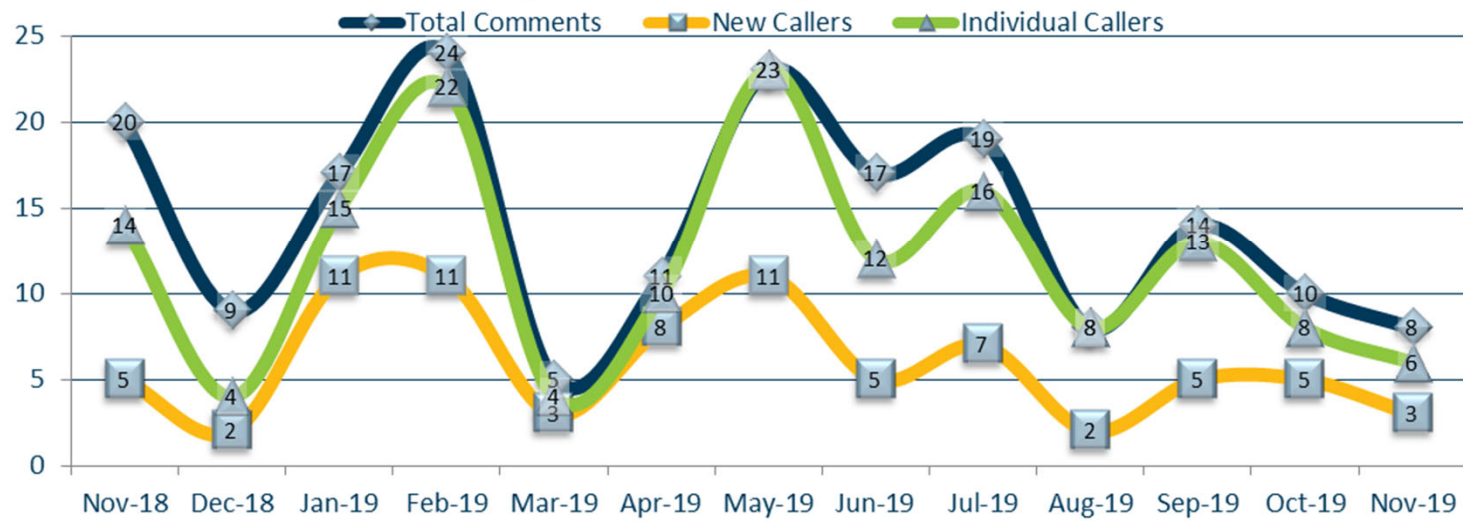
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# Comment Location (SDF/LOU)

November 2019

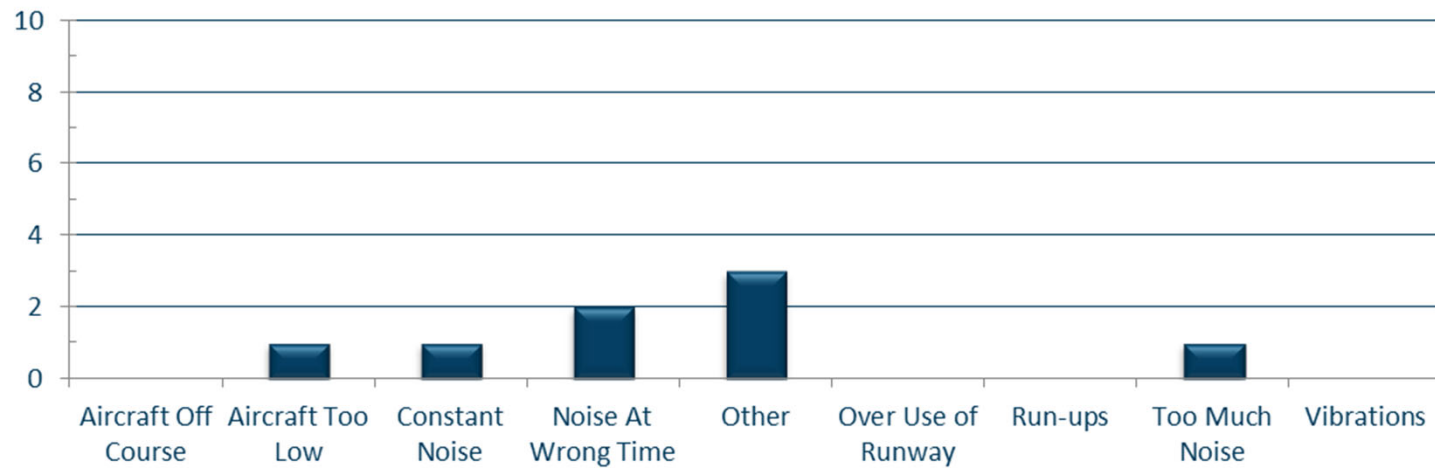


## New Address/Comments per Month (SDF and LOU)



## Comment Type (SDF and LOU)

November 2019



# NOISE COMMENT REPORT

## LOUISVILLE REGIONAL AIRPORT AUTHORITY



December 2019

# Comments (SDF/LOU)

## December 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
Green Manor Dr	40228	SE (<60)	2019-12-02 03:14:00	2019-12-02 03:14:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	My family and I have had to listen to plane noise for the entire day, which is exhausting, especially on one of the few nice days during this time of the year. Now, after 10 at night, the planes are still flying over. Why? The weather has clearly improved. When do you revert to the normal flight path, which includes over my house? The significant noise alone keeps me awake; hopefully my children will not have to wake up for the same reason.
Administration Dr	40209	NE (UNK)	2019-12-02 08:56:00	2019-12-02 08:56:00	SDF	Other	Investigated	Non-Standard	Weather	My house is within the group for sound proofing windows and I would like more information on how to sign up for that program.
S 41st St	40211	NW (<60)	2019-12-12 16:15:00	2019-12-12 16:15:00	SDF	Other	Investigated	Standard	None	A helicopter is flying over my house in the West End. It has been flying over the house for hours. I called LMPD and was told that the helicopter left the airport and that the airport knows everything that is in the sky.
Mitchell Hill Rd	40118	SW (<60)	2019-12-12 17:18:00	2019-12-12 16:31:00	SDF	Aircraft Off Course	Investigated	Standard	None	As I was coming in from shopping this afternoon at 4:31 p.m. I saw a UPS plane fly directly over my house. Another plane flew directly over at 4:46 p.m.
Lantana Dr	40229	SE (<60)	2019-12-16 11:50:00	2019-12-16 10:30:00	SDF	Too Much Noise	Investigated	Non-Standard	Weather	I would like to know why there is so much noise today between about 10:30 a.m. and 11:30 a.m.

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# Comments (SDF/LOU)

## December 2019

Street	Zip Code	CNF Quad / 2021 DNL	Time Received	Time	Airport	Disturbance Type	Status	Operation or Comment Type <sup>1</sup>	Deviation Type <sup>2</sup>	Comments <sup>3</sup>
Wolfe AV	40217	NE (65+)	2019-12-16 15:48:00	2019-12-16 15:48:00	SDF	Other	Investigated	Non-Standard	Weather	I am just checking back again to see if there has been any update or movement on revisiting zone 1 again. If there is anything we can do to push this, please let me know. Again, sorry for our persistence. Thank you for your assistance.
Vine St	40204	NE (<60)	2019-12-19 10:33:00	2019-12-19 10:33:00	SDF	Aircraft Too Low	Investigated	Non-Standard	Weather	Please call me about noise from the helicopters. I think they are flying too low to the hospital and I would like to talk with somebody.
Forum AV	40214	SW (<60)	2019-12-23 09:00:00	2019-12-22 02:00:00	SDF	Too Much Noise	Investigated	Standard	None	I am very upset. I have been up for 36 straight hours. It started before I even went to church yesterday. It is evident you can't do anything. I don't even know why you have a job out there.
							Received	LRAA	8	

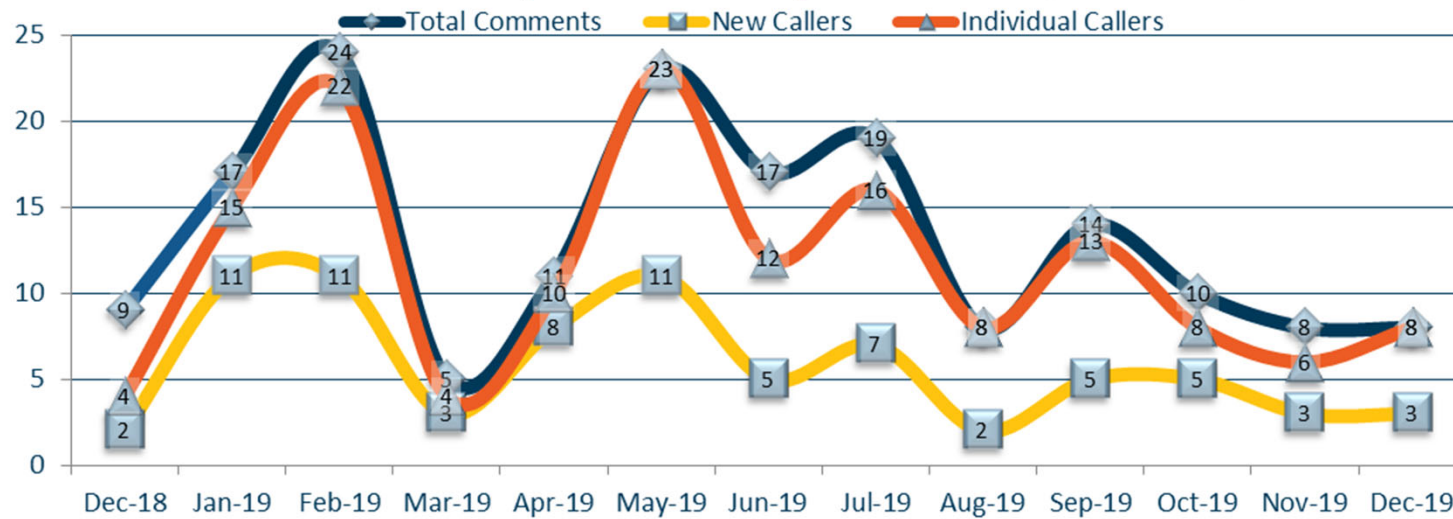
1. **Standard:** Indicates the "Most Preferred" runway configuration was being utilized at the time of the comment.  
**Non Standard:** Indicates that a "Lesser Preferred" runway configuration was being utilized at the time of the comment.  
**QHP:** QuieterHome Program
2. This column is used to indicate 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)

December 2019

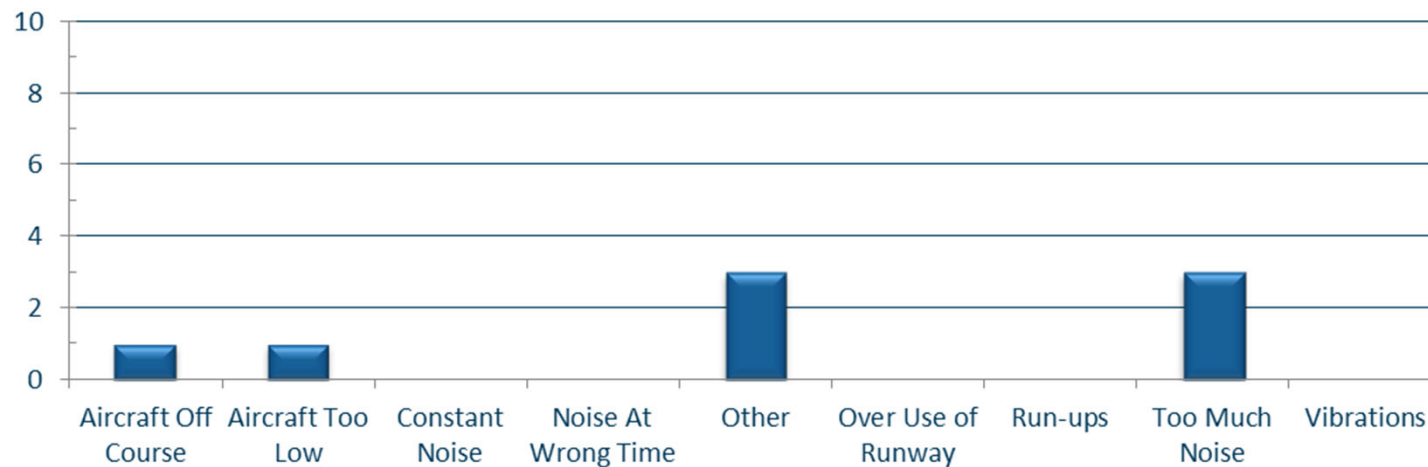


## New Address/Comments per Month (SDF and LOU)



## Comment Type (SDF and LOU)

December 2019



# Daily Runway Use Uncorrected (SDF) November 2019

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

# Daily Runway Use (SDF)

Tower Comments November 2019

Day	Date	Time	Comment
fri	1-Nov-19	1200-1230	No Justification Noted
sat	2-Nov-19	1800-2030	WIND 30009KT
sun	3-Nov-19		
mon	4-Nov-19	2200-0000	SOUTH FLOW, VA RWY 17L/17R, DPTG RWY 17L/17R, WIND 19006. PILOT REPORTS OF 10 TO 15 KNOT TAILWIND DOWN TO 500 AGL FOR RWY 35L/35R. -- TE
tue	5-Nov-19	0000-0230	SOUTH FLOW, VA RWY 17L/17R, DPTG RWY 17L/17R, WIND 19006. PILOT REPORTS OF 10 TO 15 KNOT TAILWIND DOWN TO 500 AGL FOR RWY 35L/35R. -- TE
tue	5-Nov-15	1300-2130	REMAINING NORTH FLOW DUE TO FORECASTED WIND 3307
wed	6-Nov-19	1030-1230	WIND 1411
thu	7-Nov-19		
fri	8-Nov-19	1130-1230	No Justification Noted
fri	8-Nov-19	1500-2130	WIND 0308
sat	9-Nov-19		
sun	10-Nov-19		
mon	11-Nov-19	0930-1000	REMAINING SOUTH FLOW DUE TO WIND, WIND 19009KT
tue	12-Nov-19		
wed	13-Nov-19	2200-0000	REMAINING SOUTH FLOW DUE TO WIND ALOFT. WIND AT 2500FT IS 21430KT
thu	14-Nov-19	0000-0230	REMAINING SOUTH FLOW DUE TO WIND ALOFT. WIND AT 2500FT IS 21430KT
thu	14-Nov-19	0930-1230	REMAINING SOUTH FLOW DUE TO WIND 2109
thu	14-Nov-19	2000-2130	NORTH FLOW, VA RWY 35L/35R, DPTG RWY 35L/35R, WIND
fri	15-Nov-19	0730-0900	NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 0108.
fri	15-Nov-19	1300-2130	STAYING NORTH FLOW DUE TO FORCASTED WINDS AND WIND AT 2500 ARE STRONG OUT OF THE NORTH. WIND 36004KT
sat	16-Nov-19	0900-1130	NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 03011
sun	17-Nov-19		
mon	18-Nov-19		
tue	19-Nov-19	0930-1130	SOUTH FLOW DUE TO WINDS AND RWY 35L LOC OTS
wed	20-Nov-19	0300-0900	REMAINING NORTH FLOW, WET RUNWAYS, WINDS 3106
wed	20-Nov-19	2200-0000	REMAINING SOUTH FLOW DUE TO WINDS ALOFT. WIND AT 1000FT IS 15515KT
thu	21-Nov-19	0000-0230	REMAINING SOUTH FLOW DUE TO WINDS ALOFT. WIND AT 1000FT IS 15515KT
fri	22-Nov-19	1500-2130	WIND 3309
sat	23-Nov-19		
sun	24-Nov-19	0300-0600	NORTH FLOW ILS RWY 35L/35R DPTG RWY 35L/35R, WIND 30007, WET RWYS
mon	25-Nov-19	2200-0000	WIND 1905 (WINDS 2225 @ SLGRR), REMAINING SOUTH FLOW
tue	26-Nov-19	0000-0230	WIND 1905 (WINDS 2225 @ SLGRR), REMAINING SOUTH FLOW
tue	26-Nov-19	0930-1130	REM SOUTH FLOW DUE TO WIND 1611G16
wed	27-Nov-19		
thu	28-Nov-19	0300-0900	REMAINING NORTH FLOW, WIND 3007
thu	28-Nov-19	1400-2130	REMAINING NORTH FLOW, WIND 3007
fri	29-Nov-19	1300-1800	No Justification Noted
sat	30-Nov-19		

# Daily Runway Use Uncorrected (SDF) December 2019

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

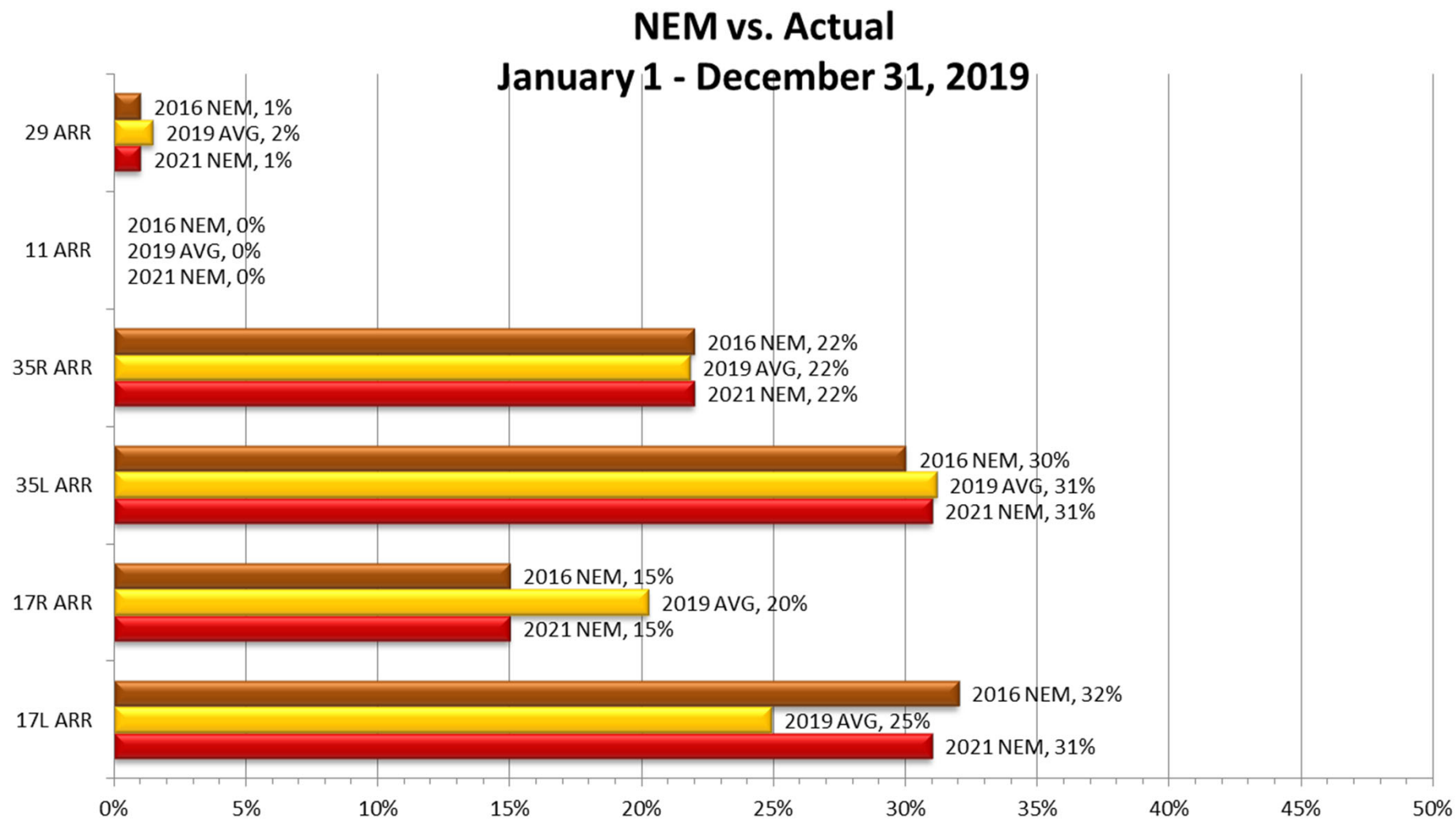
Source: Louisville International Airport  
Aircraft Flight Tracking and Noise Management System (AFTNMS)

# Daily Runway Use (SDF)

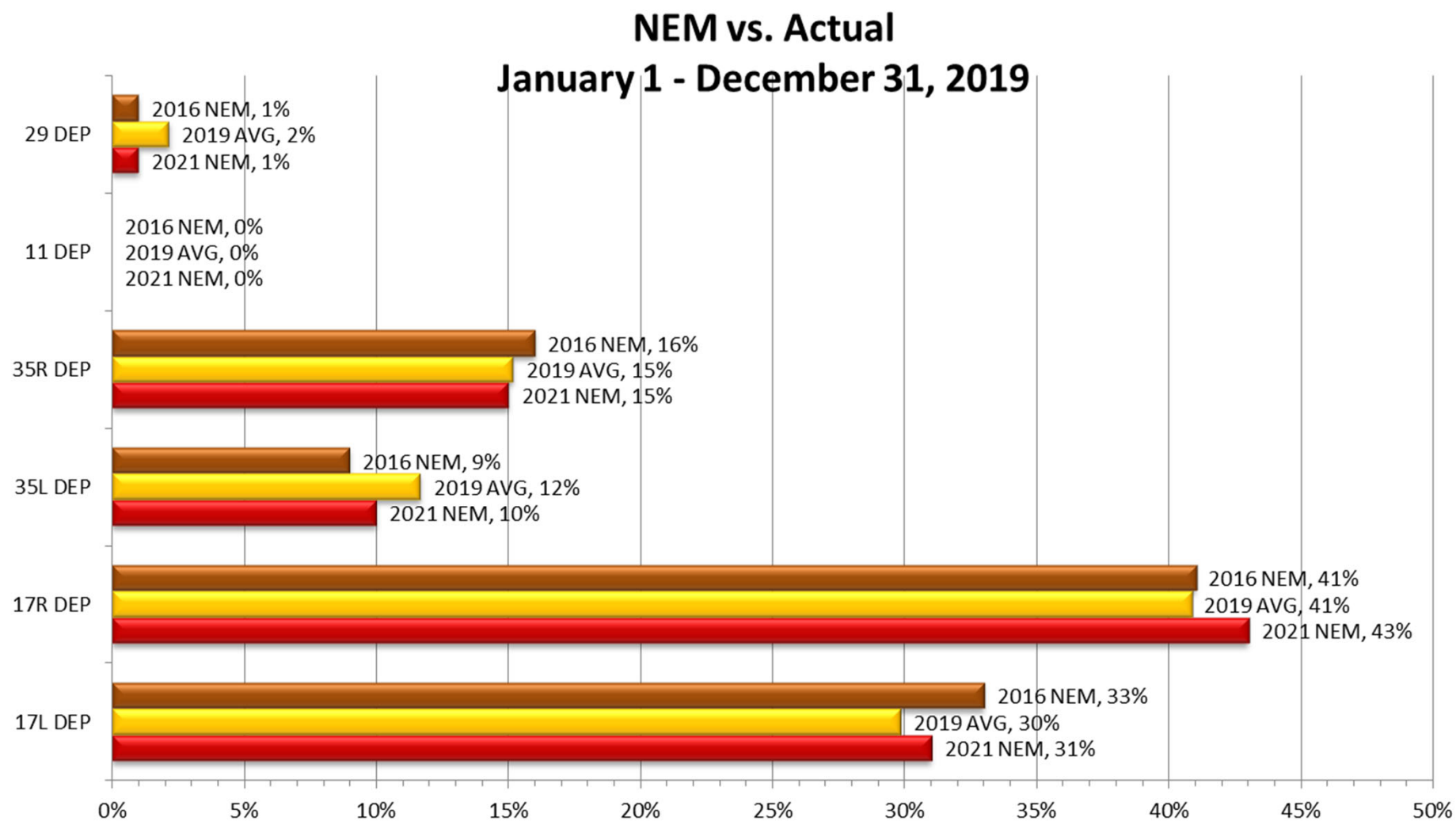
Tower Comments December 2019

Day	Date	Time	Comment
sun	1-Dec-19		
mon	2-Dec-19	2000-2130	WIND 2810
tue	3-Dec-19	2200-0000	NORTH FLOW, ILS RWY 35L/35R, DPTG RWY 35L/35R, WIND 22007
wed	4-Dec-19	0000-0230	DPTG RWY 17L/17R WIND 2512G19
wed	4-Dec-19	0930-1200	REM SOUTH FLOW FOR WIND 2515
wed	4-Dec-19	1830-2130	WIND 29017G24
thu	5-Dec-19	2200-0000	REMAINING SOUTH FLOW DUE TO WINDS ALOFT
fri	6-Dec-19	0000-0230	REMAINING SOUTH FLOW DUE TO WINDS ALOFT
sat	7-Dec-19	0800-1630	WIND 0309,
sun	8-Dec-19		
mon	9-Dec-19		
tue	10-Dec-19	1300-2130	REM NORTH FLOW FOR WIND 3105
wed	11-Dec-19	0930-1230	REM SOUTH FLOW FOR WIND 1910
thu	12-Dec-19	0930-1230	REM SOUTH FLOW FOR WIND 1710
thu	12-Dec-19	2200-0000	SOUTH FLOW FOR INBOUND DUE TO WINDS/WINDS ALOFT
fri	13-Dec-19	0000-0230	SOUTH FLOW FOR INBOUND DUE TO WINDS/WINDS ALOFT
fri	13-Dec-19	1300-1500	NO REASON INDICATED
sat	14-Dec-19	1100-1630	WIND 29007
sat	14-Dec-19	1800-1930	SOUTH FLOW WIND 26009
sun	15-Dec-19	0500-1330	NORTH FLOW, ILS RWY 35L/35R/ DPTG RWY 35L/35R, WIND 30011
mon	16-Dec-19	0600-1100	WIND 03005. WET RUNWAYS
tue	17-Dec-19	1500-2130	REM NORTH FLOW FOR WIND 3512G18
wed	18-Dec-19	0730-0900	WIND 3010
wed	18-Dec-19	1300-1400	, WIND 3010
thu	19-Dec-19		
fri	20-Dec-19	2100-2130	UPS PEAK
sat	21-Dec-19	2300-0000	UPS PEAK
sun	22-Dec-19	0000-0230	UPS PEAK
sun	22-Dec-19	2230-0000	UPS PEAK
mon	23-Dec-19	0000-0230	UPS PEAK
mon	23-Dec-19	1600-2130	WIND 36012
tue	24-Dec-19		
wed	25-Dec-19	0930-1230	REMAINING ON SOUTH FLOW BECAUSE OF FORECAST WINDS OF 200@8 AND LACK OF VOLUME OF TRAFFIC
thu	26-Dec-19	2200-0000	WIND 19008. WINDS ALOFT 23028 @ 1000FT
fri	27-Dec-19	0000-0230	WIND 19008. WINDS ALOFT 23028 @ 1000FT
fri	27-Dec-19	2000-2130	WIND0208
sat	28-Dec-19		
sun	29-Dec-19		
mon	30-Dec-19		
tue	31-Dec-19	1630-2130	WIND 29016G24KT

# Runway Use (SDF Arrivals)



# Runway Use (SDF Departures)



# Runway Use 0930L-1230L<sub>(SDF)</sub>

As of December 31, 2019

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
Jan-18	0	27	19	5	31	18	49	862	0	24	18	5	6	47	53	329
Feb-18	0	19	32	1	28	20	48	847	0	19	24	1	6	50	56	323
Mar-18	0	11	24	0	38	27	65	922	0	14	19	2	11	54	65	399
Apr-18	0	18	19	0	36	27	63	894	1	19	13	8	9	50	59	382
May-18	0	31	29	1	22	17	39	1114	0	28	28	1	4	38	42	481
Jun-18	0	38	17	0	23	22	45	920	0	44	41	0	4	10	14	433
Jul-18	0	10	10	0	48	32	80	884	0	7	11	1	17	65	82	415
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
Monthly Avg	0	19	21	2	35	23	58	969	0	21	19	3	12	45	57	417

# Gate Compliance by Runway

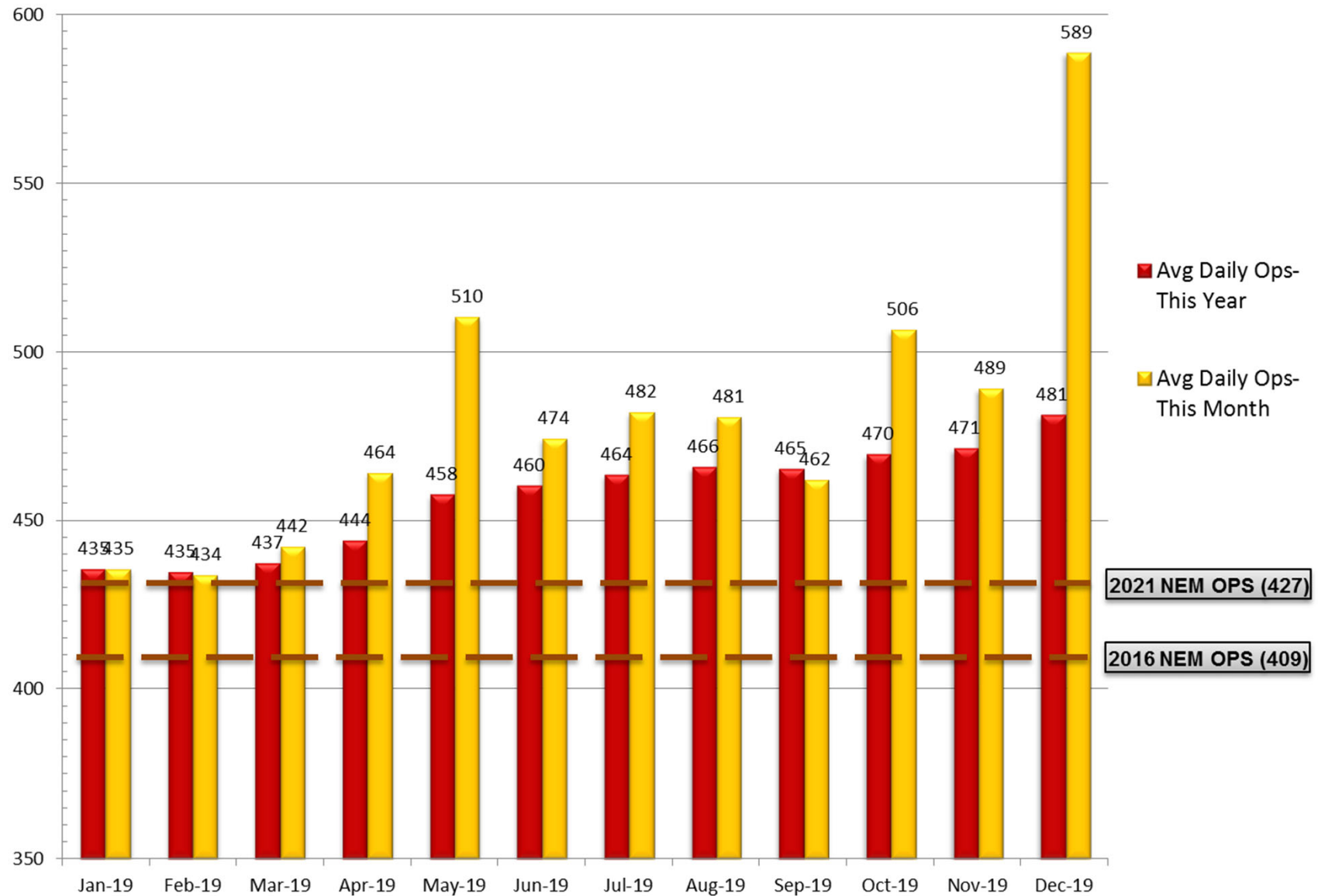
As of December 31, 2019

ARRIVALS Percent Compliant					Departure Percent Compliant					
Month	17L	17R	35L	35R	ARR AVG	17L	17R	35L	35R	DEP AVG
Jan-18	89%	96%	92%	91%	92%	71%	91%	71%	85%	80%
Feb-18	90%	97%	93%	91%	93%	69%	87%	70%	83%	77%
Mar-18	91%	94%	92%	90%	92%	76%	87%	68%	81%	78%
Apr-18	90%	95%	91%	88%	91%	80%	88%	71%	83%	81%
May-18	86%	91%	85%	86%	87%	78%	86%	68%	86%	80%
Jun-18	87%	92%	87%	85%	88%	82%	84%	72%	85%	81%
Jul-18	86%	90%	87%	88%	88%	88%	88%	70%	85%	83%
Aug-18	88%	94%	88%	85%	89%	81%	88%	69%	88%	82%
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%
24 Month Avg.					91%					82%

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

# Operations (SDF)

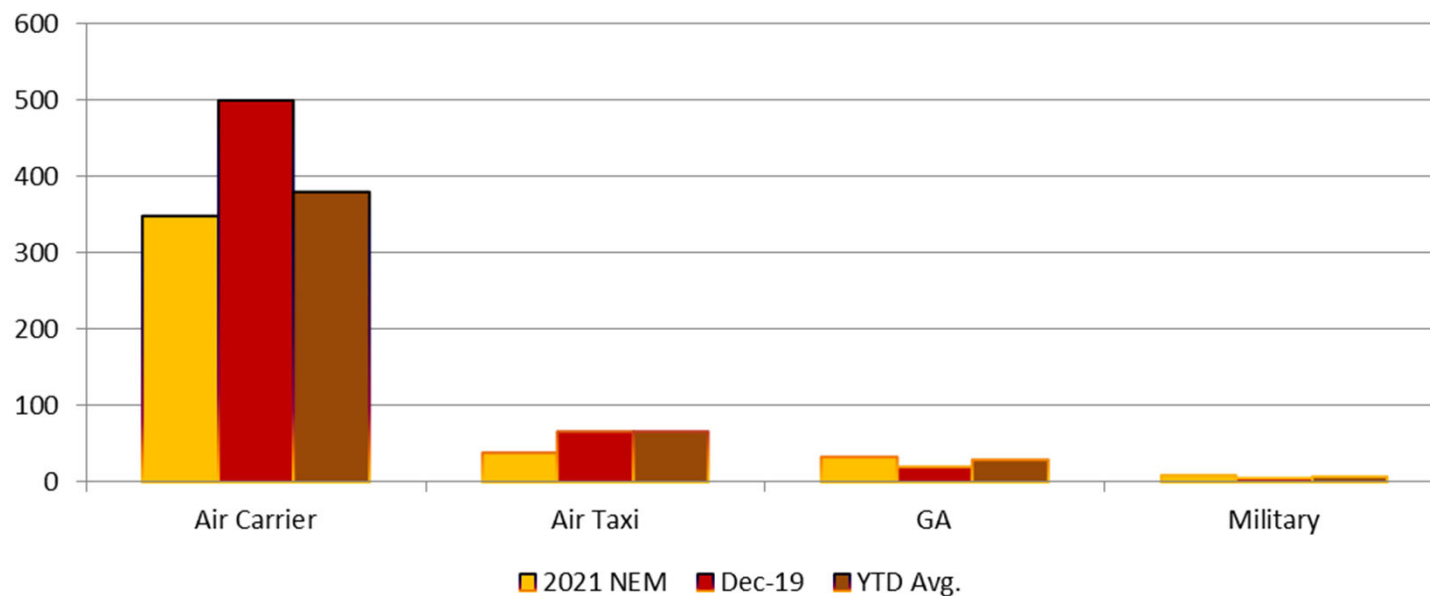
As of December 31, 2019



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

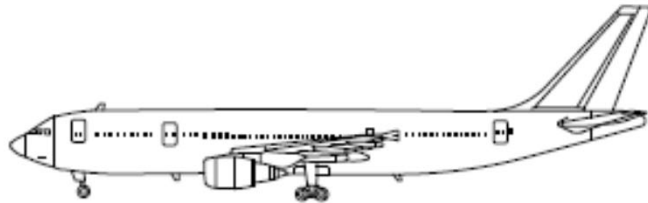
# Operations by Aircraft Category (SDF)

As of December 31, 2019



- **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.

# Sample Aircraft Types (SDF)



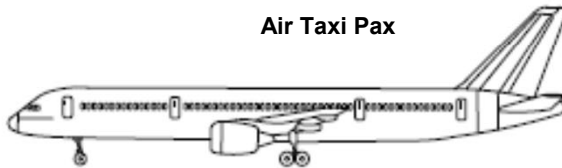
**A300**  
Air Carrier Cargo



**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