

Monthly Noise & Operations Report February 2020

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Introduction:

DeKalb-Peachtree Airport (PDK) is located in a highly noise-sensitive area as it is surrounded by residential communities. Aircraft noise is noise pollution generated by an aircraft, and may occur during all phases of flight. For instance, while aircraft are on the ground, taxiing, operating auxiliary power units (APUs), and conducting run-ups may contribute noise pollution to the surrounding areas. While aircraft are in the air, noise pollution can occur underneath and to the sides of departure and arrival paths.

The primary goal of the **PDK Good Neighbor Program** is to serve as a community-based program with aims to reduce aircraft noise levels in the vicinity of the airport. Since its inception, the program has sought to increase awareness of airport operations and develop airport/community partnerships with the surrounding cities of Chamblee, Doraville, Dunwoody, Brookhaven, North Atlanta (including the Buckhead community), and others. The program is a multifaceted one that uses many approaches to convey information in a succinct manner.

The program strives to reduce overall aircraft noise disturbances by soliciting airport-user involvement. Community and airport participation, learning, and cooperation are the keys to the program's success.

This report provides a monthly summary of airport operations, noise disturbances, and impacts to the surrounding neighborhoods to airport users and the surrounding communities.

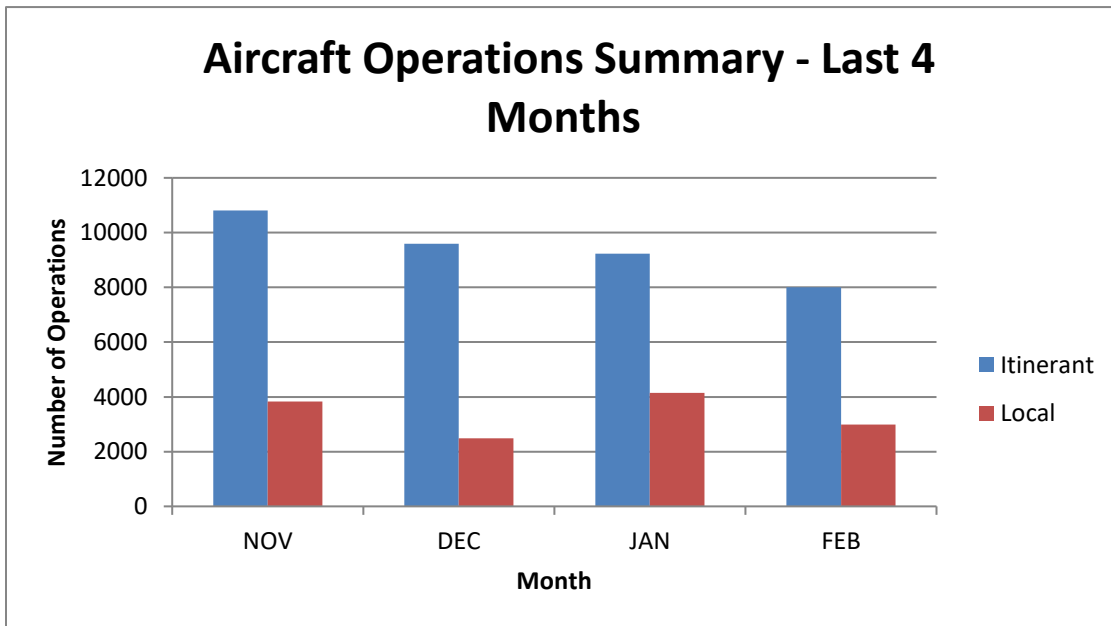
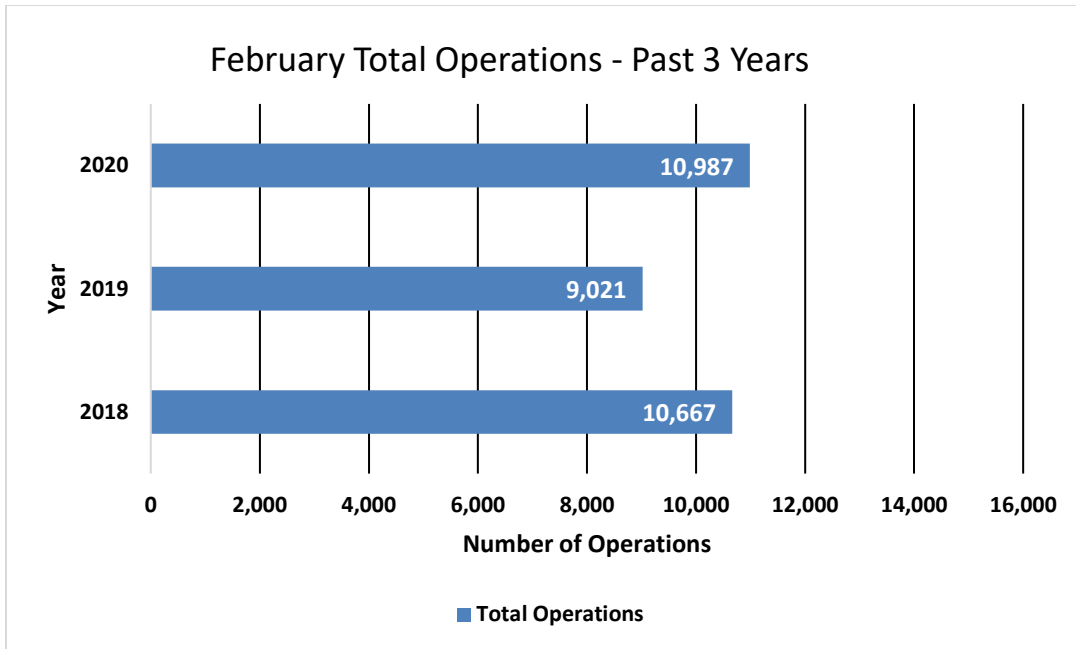
February 2020 Aircraft Operations:

	This Month	This Month, Last Year (February 2019)	% Change from February 2019	5-Year Average for Month
Total Operations	10,987	9,021	21.79%	11,012
Itinerant	7,999	7,268	10.06%	8,326
Local	2,988	1,753	70.45%	2,686
Voluntary Curfew Ops	280	340	-17.65%	296
Prior Authorization	144	(8) Noise disturbance calls associated with these flights. (4) Voluntary curfew ops were associated with these flights.		

***Prior Authorization
(Section 6-93 Code)
Operation
Itinerant
Local
Voluntary Curfew Ops***

***Aircraft certified by the FAA with a max gross take-off weight greater than 75,000 pounds
One take-off or landing. Touch-and-go counts as two operations
Non-touch-and-go (regular operations)
Operations within 20 miles of Airport
Operations that occur between the hours of 11:00 p.m. and 6:00 a.m.***

February 2020 Aircraft Operations Summary

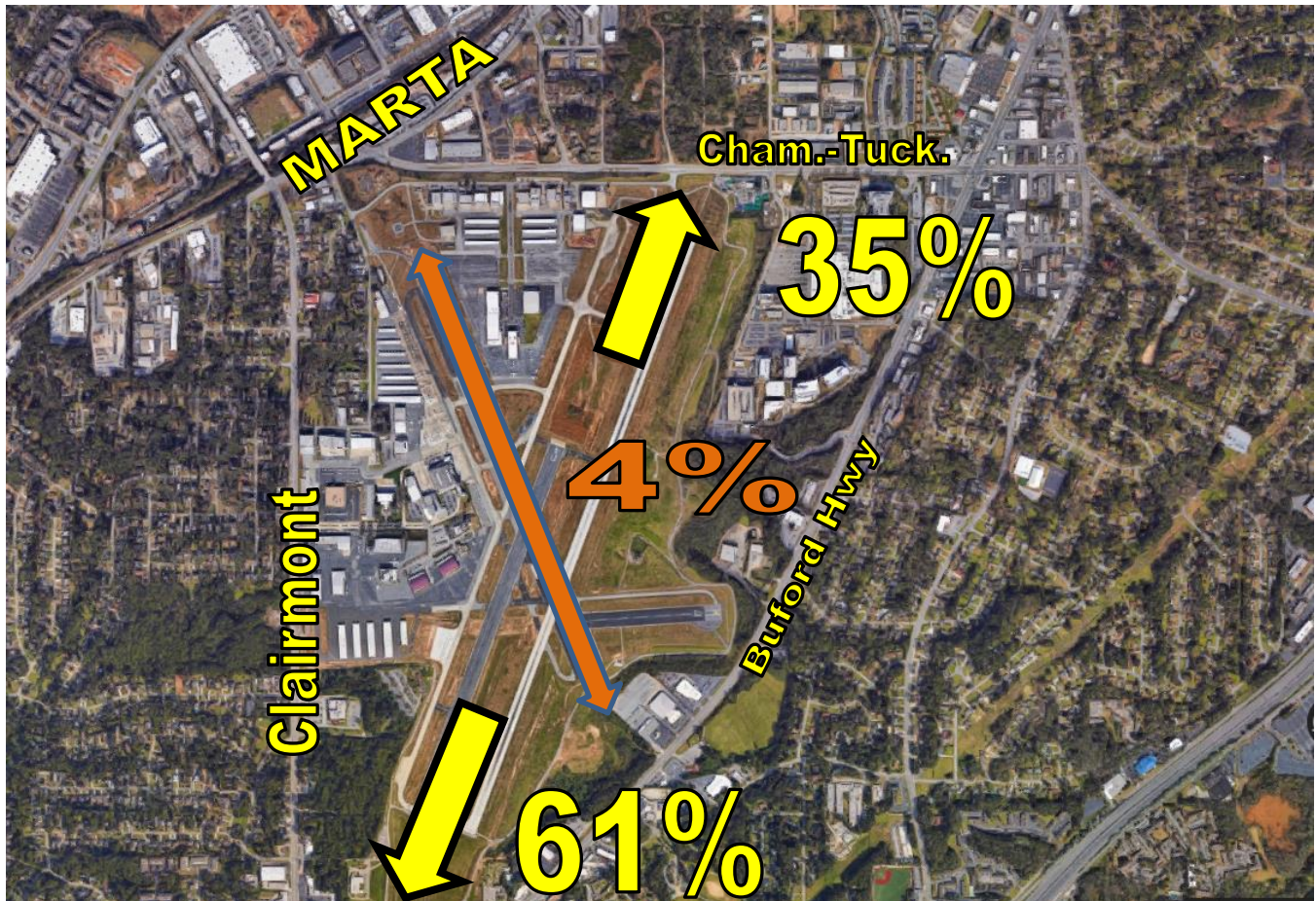


2019 Total Operations	2019 Total Operations as of Feb 2019	Total 2020 Ops as of Feb 2020
161,367	20,106	24,360 (21.16%)

2020 Operations by Month				
	Itinerant	Local	Total Tower-Recorded Operations	Voluntary Curfew
JAN	9,231	4,142	13,373	311
FEB	7,999	2,988	10,987	280
MAR				
APR				
MAY				
JUN				
JUL				
AUG				
SEP				
OCT				
NOV				
DEC				

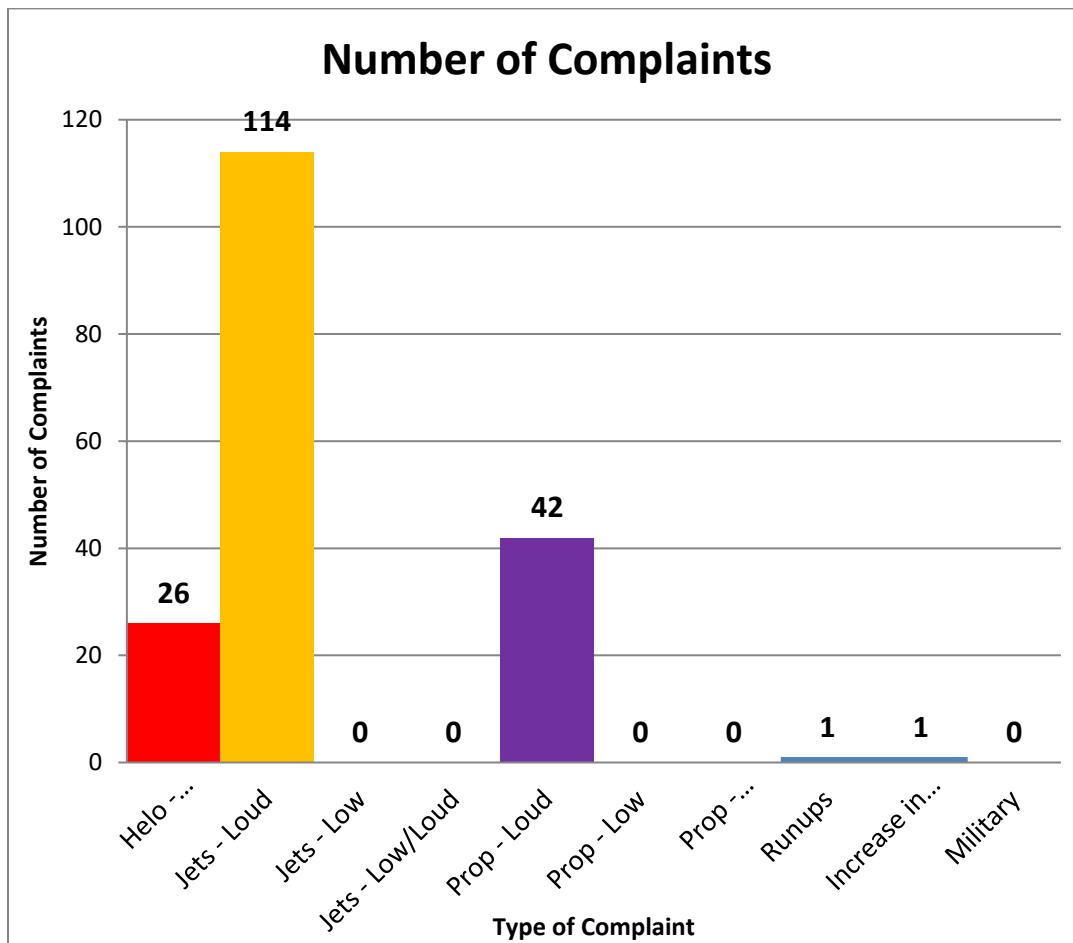
Runway Mode of Operations – February 2020

Directional use of runways has a major effect on flight patterns and the areas affected by flight operations. Weather and wind direction generally determines runway selection. When the tower is open, the FAA Air Traffic Control Tower determines the directional use of the runways. When possible, the tower will try to keep operations on a northbound flow (takeoffs and landings to the north) for noise abatement.

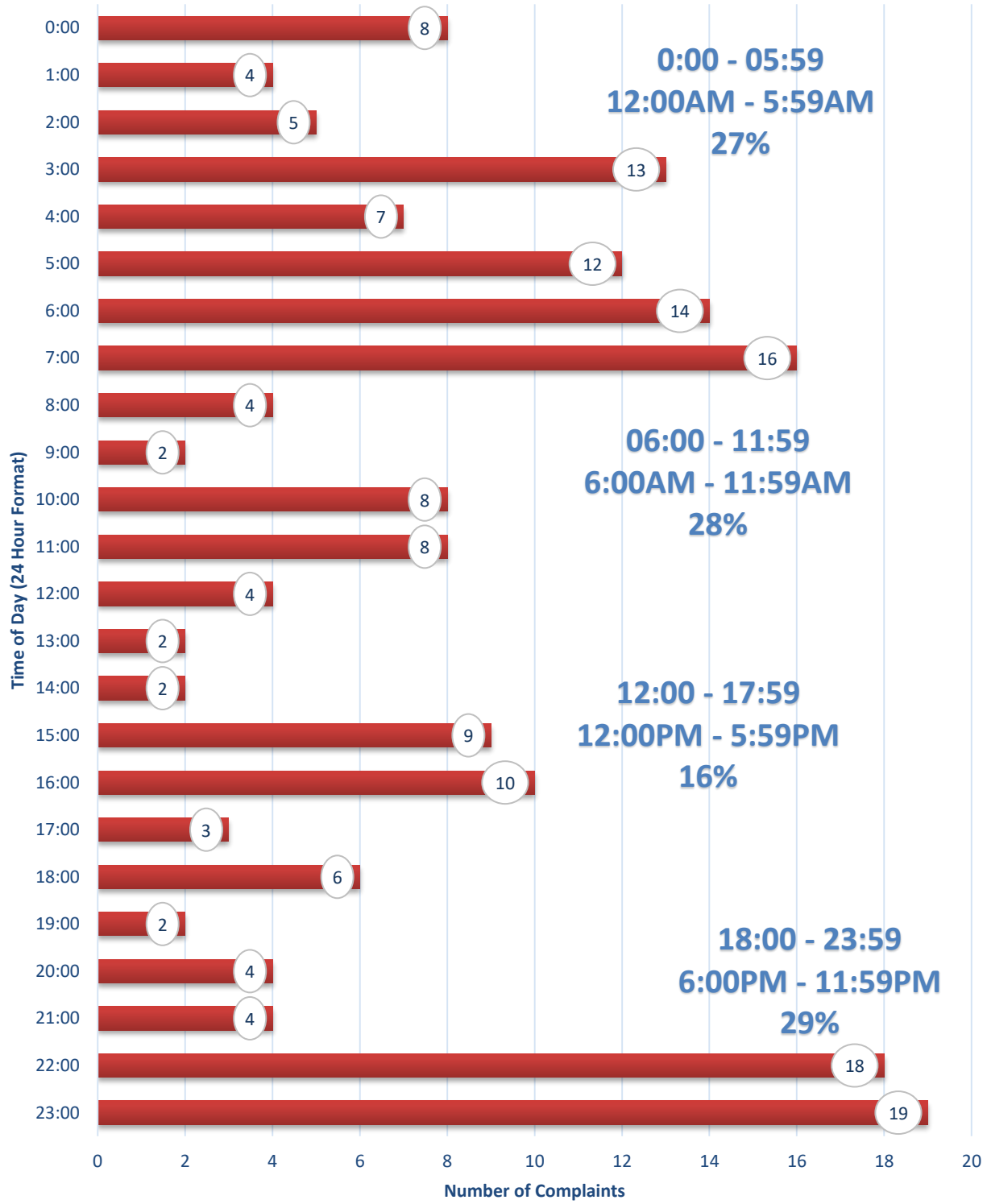


Noise Disturbance Summary

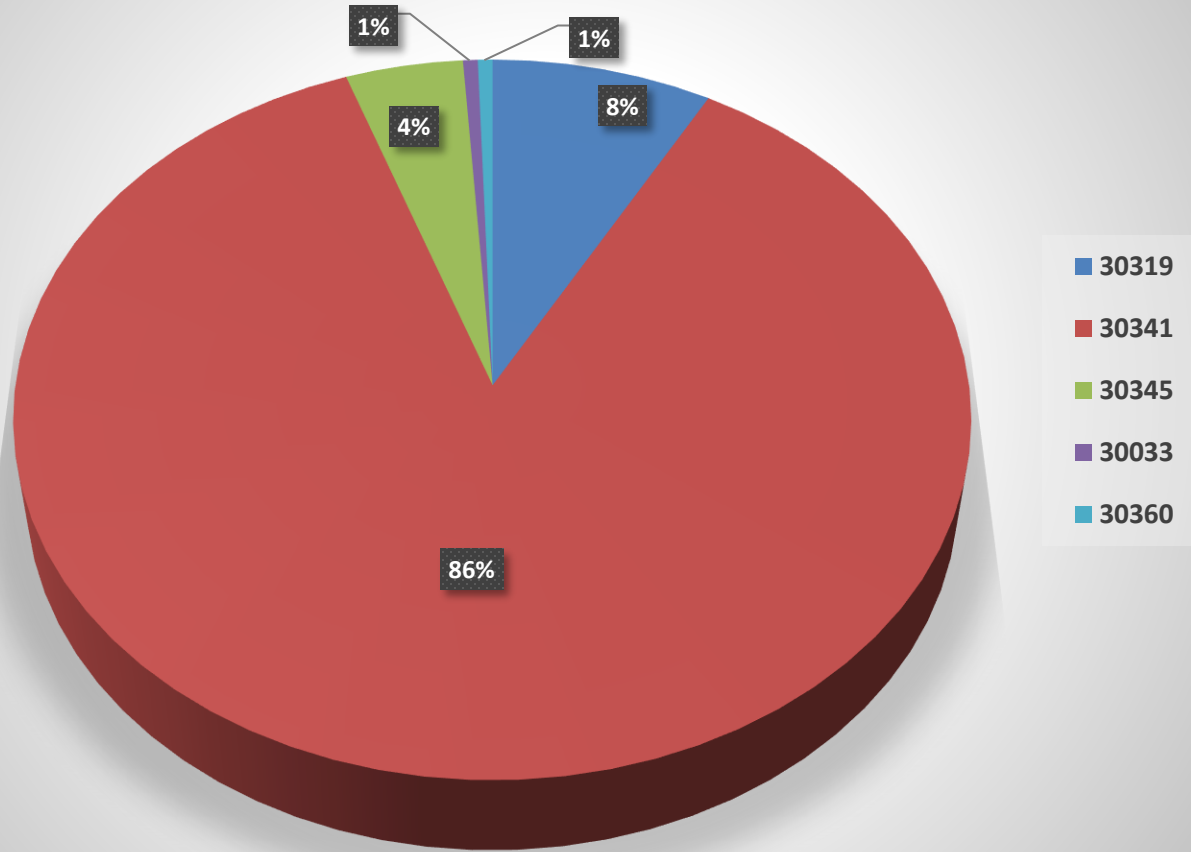
Total complaints for February 2020	Monthly Complaint Average 2020	February 2020 Complaints per Household <i>(minus top two/Households)</i>	February 2020 Complaints per Household <i>All Inclusive</i>
184	192	1.6	10.8



Number of Complaints by Hour



Complaints by Zip code

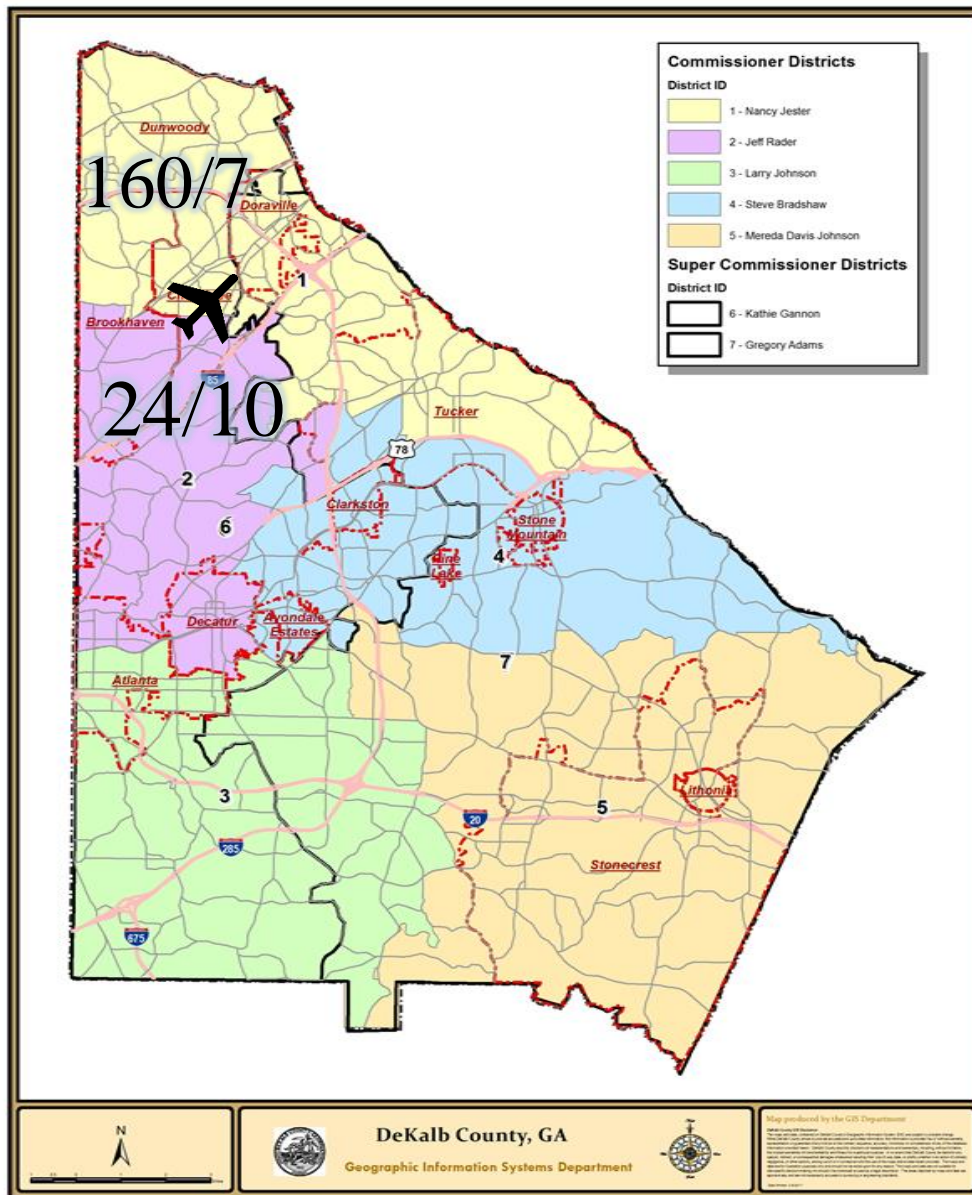


Zip Code Guide		
Zip Code	Community	% of Complaints
30319	Brookhaven	8%
30341	Chamblee - North	86%
30345	Chamblee - South	4%
30033	Decatur	1%
30360	Doraville	1%

Complaints by Caller

Name	Address	City	Zip Code	Complaints
Schneeberg	2707 Ashford Rd, NE	Atlanta	30319	9
Tyler	1818 Tobey Rd	Chamblee	30341	1
Nagel	3905 Winters Hill Drive	Atlanta	30360	1
Anon - 1	Dresden Dr	Atlanta	30341	151
Bullard	2710 Fair Oaks Rd	Decatur	30033	1
Needle	3144 Parkridge Crescent	Chamblee	30341	1
Yates	1889 9th Street	Chamblee	30341	4
Hunnicut	2132 Meadowcliff Dr NE	Atlanta	30345	1
Moss	2360 Drew Valley Rd NE	Atlanta	30319	2
Evans	2592 Woodacres Rd NE	Atlanta	30345	1
Davidian	1806 Duke Road	Chamblee	30341	1
Terry	2652 Cove Circle NE	Atlanta	30319	2
Runestad	2430 Field Way	Brookhaven	30319	1
Williams	1875 8th St	Chamblee	30341	1
Fox	2423 Woodacres Rd NE	Atlanta	30345	4
Schwartz	1685 Cotswold Drive NE	Brookhaven	30319	1
Philips	2442 Wentworth Dr NE	Atlanta	30345	2

Complaints per Commission District



Total Number of Complaints

184/




Total Number of Complainants

17

There were **0** complainant(s) outside of DeKalb County with **0** complaint(s) total.

Correlation Chart of Noise Complaints to Operations

Chart Legend:

-  = Complaint + high noise event
-  = Complaint + high noise + PDK curfew operation
-  = Complaint + PDK curfew operation

The airport correlated **182 (98.9%)** out of **184** complaints:

- **178 or 96.7%** of the noise complaints were found to be **Direct** correlations
- **4 or 2.2 %** were **Indirect** correlations to operations
- **2 or 1.1%** were **Not Correlated**.

- **Direct** = *Linked to a specific flight operation to/from PDK over a house/monitor (NOMS or manual correlation).*
- **Indirect** = **Not linked to a specific flight operation** (take-off thrust, reverse thrust; maintenance run-ups) **OR** flight operation **not originating or terminating at PDK.**
- **Not correlated** = *There was no noise event and/or aircraft track based on either NOMS correlation or manual research.*

Definitions:

NOMS: Noise and Operations Monitoring System

Op Type: Operation; Approach, Departure, or Overflight

Name: Name of Complainant

Offense Start: Date/Time of offense to complainant

Flight ID: Tail number of aircraft or military call sign

Flight Time: Actual Date/Time of correlated offense

NMS: Noise Monitoring Station

Rwy: Runway

LMAX: Maximum A-weighted sound level for a given event

Please contact: *Korey Barnes, Airport Noise and Environmental Analyst*, for more information regarding the PDK Good Neighbor Program at (770) 936-5440 or kbarnes@dekalbcountyga.gov.

PDK maintains a **hotline** that permits residents to report noise concerns by dialing: **(770) 936-5442** or e-mailing: pdknoise@dekalbcountyga.gov

Name	Offense Time	Flight Time	RWY	Ops	Aircraft Type	Aircraft ID	NMS	Lmax
Anon-1	2/1/2020 0:10	2/1/2020 0:25	03R	A	AC50	CTL67		
Anon-1	2/1/2020 0:46	2/1/2020 0:36	03R	D	AC50	CTL67		
Anon-1	2/1/2020 17:30	2/1/2020 17:33	21L	A	FA50	N27GA		
Anon-1	2/1/2020 22:52	2/1/2020 22:37	21L	D	C56X	PHJ56	NMS03	69.1
Anon-1	2/1/2020 23:24	2/1/2020 23:29	03L	A	UNKN	N445CH		
Anon-1	2/1/2020 23:27	2/1/2020 23:29	03L	A	UNKN	N445CH		
Anon-1	2/2/2020 2:53							
Anon-1	2/2/2020 4:27	2/2/2020 4:33	03R	A	CL60	WWI80		
Runestad	2/2/2020 11:18	2/2/2020 11:12	21R	D	UNKN	N166RT	NMS02	71
Anon-1	2/2/2020 16:20	2/2/2020 16:15	21L	D	BE40	JTL73	NMS03	81.1
Anon-1	2/3/2020 3:08	2/3/2020 3:05	21L	D	C208	N208LS	NMS03	75.5
Anon-1	2/3/2020 5:42	2/3/2020 5:35	03R	D	LJ75	N16PC		
Anon-1	2/3/2020 6:02	2/3/2020 5:59	16	D	UNKN	N2AQ		
Anon-1	2/3/2020 6:32	2/3/2020 6:31	21L	D	BE58	N18VR	NMS03	76.7
Anon-1	2/3/2020 6:37	2/3/2020 6:32	03R	D	GLF4	N435QS		
Anon-1	2/3/2020 7:09	2/3/2020 7:08	03R	A	E545	N794BC		
Anon-1	2/3/2020 7:56	2/3/2020 7:51	03R	D	LJ60	N275HZ		
Anon-1	2/3/2020 7:58	2/3/2020 7:51	03R	D	F2TH	N1925		
Anon-1	2/3/2020 7:58	2/3/2020 7:51	03R	D	F2TH	N1925		
Anon-1	2/3/2020 8:55	2/3/2020 8:47	03R	D	GLF4	DCM4212		
Anon-1	2/3/2020 22:31	2/3/2020 22:30	21L	D	F2TH	N9147H	NMS03	79.4
Moss	2/3/2020 23:22	2/3/2020 23:20	UNK	D	UNKN	N445CH		
Anon-1	2/4/2020 3:39	2/4/2020 3:43	21L	D	PC12	SKQ44		
Anon-1	2/4/2020 3:48	2/4/2020 3:43	21L	D	PC12	SKQ44		
Anon-1	2/4/2020 7:50	2/4/2020 7:45	21L	D	BE40	JTL480		
Anon-1	2/4/2020 7:58	2/4/2020 7:55	21R	D	BE24	N18841	NMS03	72.7
Anon-1	2/4/2020 8:08	2/4/2020 7:54	21L	D	UNKN	N744A	NMS03	71.9
Anon-1	2/4/2020 9:28	2/4/2020 9:33	21L	A	E135	UJC521		
Anon-1	2/4/2020 9:42	2/4/2020 9:38	21L	D	GLF5	N550DX	NMS03	75.5
Anon-1	2/4/2020 10:32	2/4/2020 10:20	UNK	D	UNKN	N543BZ		
Anon-1	2/4/2020 10:40	2/4/2020 10:40	21L	D	F2TH	N472K	NMS03	77

Anon-1	2/4/2020 11:19	2/4/2020 11:15	21L	D	GLF4	N805VZ		
Anon-1	2/4/2020 11:53	2/4/2020 11:59	21L	A	UNKN	N543BZ		
Anon-1	2/4/2020 12:29	2/4/2020 12:31	21L	A	BE40	JTL480		
Anon-1	2/4/2020 12:48	2/4/2020 12:41	UNK	O	C25B	N426NS		
Anon-1	2/4/2020 15:19	2/4/2020 14:53	21L	D	C56X	N60SW	NMS03	71.9
Anon-1	2/4/2020 15:51	2/4/2020 15:44	21L	D	J328	UJC851	NMS03	81.3
Schneeberg	2/4/2020 16:00	2/4/2020 15:55	21L	D	C182	N5454N		
Schneeberg	2/4/2020 16:00	2/4/2020 15:55	21L	D	C182	N5454N		
Anon-1	2/4/2020 16:18	2/4/2020 16:11	21L	D	BE40	TMC452	NMS03	75.9
Anon-1	2/4/2020 16:56	2/4/2020 16:52	21L	D	GLF5	N505GF	NMS03	76.3
Anon-1	2/4/2020 23:09	2/4/2020 22:59	UNK	O	UNKN	N547AM		
Anon-1	2/5/2020 4:00	2/5/2020 3:57	21L	D	PC12	SKQ43	NMS03	71.3
Anon-1	2/5/2020 4:51	2/5/2020 4:28	21L	D	G280	N280PC	NMS03	75
Anon-1	2/5/2020 6:25	2/5/2020 6:13	21L	D	BE40	JTL480	NMS03	76.5
Anon-1	2/5/2020 10:11	2/5/2020 9:56	21R	D	P32R	N42993	NMS03	79.6
Anon-1	2/5/2020 10:22	2/5/2020 10:15	21L	D	F2TH	N1897S	NMS03	76
Anon-1	2/5/2020 22:36	2/5/2020 22:17	21L	D	BE20	CTE491	NMS03	81.3
Anon-1	2/5/2020 22:56	2/5/2020 22:50	21L	D	C68A	EJA501	NMS03	77.2
Anon-1	2/6/2020 14:51	2/6/2020 15:15	21L	A	GLF5	N600JD		
Anon-1	2/6/2020 15:15	2/6/2020 15:14	21L	A	C750	FTH399		
Philips	2/6/2020 21:31	2/6/2020 21:02	21L	D	CL35	EJA774	NMS03	71.6
Anon-1	2/6/2020 22:36	2/6/2020 22:40	21L	A	CL35	EJA778		
Anon-1	2/6/2020 22:38	2/6/2020 22:44	21L	A	GLF6	N120GA		
Anon-1	2/6/2020 23:30	2/6/2020 23:31	21L	A	GLEX	N683GA	NMS03	69.4
Anon-1	2/7/2020 1:27	2/7/2020 1:30	21L	A	FA50	N617BZ		

Anon-1	2/7/2020 4:00	2/7/2020 3:53	21L	D	PC12	SKQ43	NMS03	71.2
Anon-1	2/7/2020 4:00	2/7/2020 3:53	21L	D	PC12	SKQ43	NMS03	71.2
Anon-1	2/7/2020 4:58	2/7/2020 5:08	21L	A	C208	N208LS		
Anon-1	2/7/2020 5:26	2/7/2020 5:28	21L	A	BE40	N8YM		
Schwartz	2/7/2020 5:29	2/7/2020 5:23	21L	D	C208	N208LS		
Fox	2/7/2020 5:29	2/7/2020 5:23	21L	D	C208	N208LS		
Anon-1	2/7/2020 5:29	2/7/2020 5:23	21L	D	C208	N208LS		
Anon-1	2/7/2020 5:33	2/7/2020 5:29	21L	D	FA50	N617BZ	NMS03	72.6
Fox	2/7/2020 5:55	2/7/2020 6:01	21L	D	BE40	N8YM	NMS03	88.8
Fox	2/7/2020 5:59	2/7/2020 6:01	21L	D	BE40	N8YM	NMS03	88.8
Fox	2/7/2020 6:01	2/7/2020 6:01	21L	D	BE40	N8YM	NMS03	88.8
Anon-1	2/7/2020 6:06	2/7/2020 6:01	21L	D	BE40	N8YM	NMS03	88.8
Anon-1	2/7/2020 6:58	2/7/2020 6:57	21L	D	C501	N999PW	NMS03	70.4
Anon-1	2/7/2020 15:00	2/7/2020 15:05	34	A	UNKN	N369SE		
Anon-1	2/7/2020 16:32	2/7/2020 16:37	21L	A	FA10	N100YP		
Anon-1	2/7/2020 17:01	2/7/2020 16:35	UNK	O	UNKN	UNKNOWN		
Anon-1	2/7/2020 17:06	2/7/2020 17:08	21L	A	SR22	N107TQ		
Anon-1	2/7/2020 23:43	2/7/2020 23:42	03R	A	C650	N541S		
Terry	2/8/2020 3:05	2/8/2020 2:59	21L	D	PC12	SKQ44	NMS03	71.4
Anon-1	2/8/2020 3:19	2/8/2020 3:15	21L	D	C208	N208LS	NMS03	80
Anon-1	2/8/2020 18:25	2/8/2020 18:37	21L	A	FA50	N27GA		
Anon-1	2/8/2020 18:30	2/8/2020 18:37	21L	A	FA50	N27GA		
Anon-1	2/9/2020 10:10	2/9/2020 10:05	21L	D	BE40	JTL73	NMS03	70
Anon-1	2/9/2020 10:16	2/9/2020 9:50	21L	D	G280	N270PC	NMS03	74.1
Yates	2/9/2020 20:36	2/9/2020 20:38	21L	A	G280	N280PC		
Philips	2/10/2020 11:16	2/10/2020 11:08	21L	D	F900	N25MX		
Evans	2/10/2020 11:29	2/10/2020 11:09	21R	D	BE36	N725WF	NMS03	71.9
Anon-1	2/10/2020 19:30	2/10/2020 19:29	21L	D	G150	N428JD		
Tyler	2/10/2020 21:59	2/10/2020 21:53	21L	D	AC50	CTL66	NMS03	72.8
Anon-1	2/10/2020 23:03	2/10/2020 23:24	21L	A	C68A	EJA511		

Davidian	2/11/2020 1:06	2/11/2020 1:02	03R	D	E545	N600CH		
Anon-1	2/11/2020 6:30	2/11/2020 6:24	21L	D	CL30	LXJ550	NMS03	79.2
Anon-1	2/11/2020 7:01	2/11/2020 6:56	21L	D	BE40	TMC487		
Nagel	2/11/2020 18:17	2/11/2020 18:24	21L	A	TBM7	N700AP		
Anon-1	2/12/2020 7:39	2/12/2020 7:14	16	D	UNKN	N2AQ		
Anon-1	2/12/2020 7:43	2/12/2020 7:38	21L	D	GLF3	N500GF		
Williams	2/13/2020 3:50	2/13/2020 3:43	21L	D	PC12	SKQ43		
Anon-1	2/13/2020 6:20	2/13/2020 6:16	21L	D	C56X	N343CC	NMS03	75.4
Anon-1	2/13/2020 7:44	2/13/2020 7:45	21L	A	E550	N183TS		
Anon-1	2/13/2020 10:44	2/13/2020 10:47	21L	A	FA50	N791CP		
Anon-1	2/13/2020 22:20	2/13/2020 22:13	03R	D	F2TH	N244C	NMS03	67.8
Anon-1	2/13/2020 22:53	2/13/2020 22:57	03R	A	G280	N270PC		
Anon-1	2/13/2020 23:49	2/13/2020 23:56	03R	A	SR20	N229DA		
Bullard	2/14/2020 0:10	2/14/2020 0:09	03R	A	E550	N288SF		
Anon-1	2/14/2020 0:51	2/14/2020 0:43	03R	D	AC50	CTL67		
Anon-1	2/14/2020 6:10	2/14/2020 6:03	03R	D	H25B	JTL58	NMS03	68.5
Schneeberg	2/14/2020 16:36	2/14/2020 16:37	34	A	UNKN	N12HX		
Anon-1	2/14/2020 23:09	2/14/2020 23:03	03R	D	FA50	N782RP		
Anon-1	2/15/2020 3:46	2/15/2020 3:45	UNK	D	UNKN	N684AE		
Anon-1	2/15/2020 3:46	2/15/2020 3:45	UNK	D	UNKN	N684AE		
Anon-1	2/15/2020 4:13	2/15/2020 4:07	03R	D	PC12	SKQ44		
Anon-1	2/15/2020 13:20	2/15/2020 13:10	03R	D	GLEX	N518DD		
Needle	2/15/2020 19:53	2/15/2020 19:56	21R	A	UNKN	N122AA		

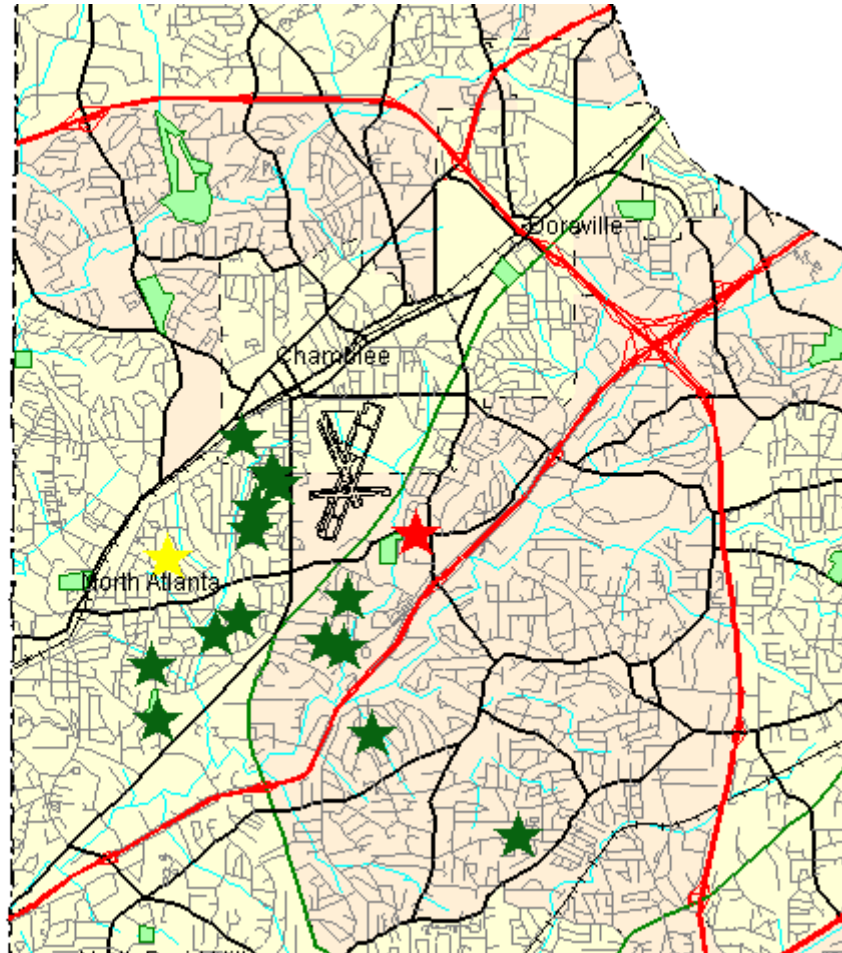
Moss	2/16/2020 1:31	2/16/2020 1:18	21L	A	CL30	LXJ588		
Anon-1	2/16/2020 7:36	2/16/2020 7:23	21L	D	PA46	N41827		
Anon-1	2/16/2020 7:39	2/16/2020 7:23	21L	D	PA46	N41827		
Anon-1	2/16/2020 18:35	2/16/2020 18:29	21L	D	FA50	N5322	NMS03	79.6
Anon-1	2/16/2020 23:11	2/16/2020 23:03	UNK	O	E190	N378TP		
Anon-1	2/17/2020 0:35							
Anon-1	2/17/2020 15:34	2/17/2020 15:33	21L	D	C208	N208HF		
Anon-1	2/17/2020 15:36	2/17/2020 15:33	21L	D	C208	N208HF		
Anon-1	2/17/2020 15:46	2/17/2020 15:42	21L	D	FA7X	N814TP	NMS03	82
Anon-1	2/17/2020 18:13	2/17/2020 18:10	21L	D	UNKN	GPD361	NMS03	71.3
Anon-1	2/18/2020 23:07	2/18/2020 23:22	21L	A	BE40	JTL480		
Anon-1	2/19/2020 0:03	2/19/2020 0:30	9R	A	E55P	UNKNOWN		
Anon-1	2/20/2020 3:04	2/20/2020 3:20	16	A	C208	N208LS		
Anon-1	2/20/2020 3:20	2/20/2020 3:20	16	A	C208	N208LS		
Anon-1	2/20/2020 23:19	2/20/2020 23:15	03R	T	C25B	N767XT		
Anon-1	2/21/2020 0:44	2/21/2020 0:43	03R	D	AC50	CTL67		
Schneeberg	2/21/2020 8:26	2/21/2020 8:00	16	T	UNKN	N2AQ	NMS02	72.5
Schneeberg	2/21/2020 16:37	2/21/2020 16:47	03L	A	UNKN	N229DA		
Anon-1	2/21/2020 22:38	2/21/2020 22:32	03R	D	GLF4	N290PS	NMS03	72.2
Anon-1	2/21/2020 22:50	2/21/2020 22:46	03R	D	BE20	CTE491		
Anon-1	2/21/2020 23:11	2/21/2020 22:56	03R	D	PC24	N156BW	NMS03	75.8
Anon-1	2/22/2020 2:28	2/22/2020 2:13	21L	A	PC12	N895CR		
Anon-1	2/22/2020 2:52	2/22/2020 2:55	03R	A	C208	N208LS		




Anon-1	2/22/2020 3:28	2/22/2020 3:29	21L	D	C208	N208LS	NMS03	74.9
Schneeberg	2/22/2020 10:33	2/22/2020 10:28	UNK	D	UNKN	N442JP		
Anon-1	2/22/2020 20:28	2/22/2020 20:39	21L	A	GLF4	N102BQ		
Anon-1	2/22/2020 23:06	2/22/2020 22:50	03R	D	F2TH	TWY20		
Anon-1	2/22/2020 23:16	2/22/2020 23:05	03R	D	P28R	N1342T		
Anon-1	2/22/2020 23:28	2/22/2020 23:29	21L	A	GLF4	DCM4212		
Anon-1	2/23/2020 1:56	2/23/2020 1:52	21L	D	GLF4	N102BQ	NMS03	76.4
Anon-1	2/23/2020 5:58	2/23/2020 5:52	21L	D	PC12	N895CR	NMS03	68.2
Anon-1	2/23/2020 6:38	2/23/2020 6:32	03R	D	C525	N525LX	NMS03	71.4
Schneeberg	2/23/2020 7:38	2/23/2020 7:13	03L	T	UNKN	N355D		
Yates	2/23/2020 8:48	2/23/2020 8:50	03R	D	C501	N999PW		
Terry	2/23/2020 20:35	2/23/2020 20:23	21R	D	BE36	N72108	NMS03	75.7
Yates	2/23/2020 20:57	2/23/2020 21:02	21R	A	PA46	N262CW		
Yates	2/24/2020 2:10	2/24/2020 2:20	9R	D	B748	UNKNOWN		
Hunnicut	2/24/2020 5:52	2/24/2020 5:41	21L	D	FA20	N81P		
Anon-1	2/24/2020 6:45	2/24/2020 6:54	21L	A	GLEX	LNx12MO		
Anon-1	2/25/2020 14:29	2/25/2020 14:31	21L	A	LJ75	N16PC		
Anon-1	2/25/2020 21:37	2/25/2020 21:38	21L	A	AC50	CTL66		
Anon-1	2/25/2020 21:37	2/25/2020 21:38	21L	A	AC50	CTL66		
Anon-1	2/25/2020 23:15	2/25/2020 23:14	21L	A	BE20	N585CE		
Anon-1	2/25/2020 23:27	2/25/2020 23:34	21L	A	TBM8	N850MK		
Anon-1	2/26/2020 3:59	2/26/2020 3:59	21L	D	C208	N208LS	NMS03	73.2
Anon-1	2/26/2020 6:25	2/26/2020 6:04	21L	D	C56X	DPJ413	NMS03	73.4

Anon-1	2/26/2020 7:10	2/26/2020 7:08	21L	D	GLF4	LXJ458		
Anon-1	2/26/2020 7:17	2/26/2020 7:21	21L	A	LJ60	N365KM		
Anon-1	2/26/2020 7:37	2/26/2020 7:28	21R	D	UNKN	N355D		
Anon-1	2/26/2020 11:24	2/26/2020 11:24	21L	D	H25B	N80PK	NMS03	85.3
Anon-1	2/26/2020 11:37	2/26/2020 11:43	UNK	A	UNKN	N166GS		
Anon-1	2/26/2020 11:44	2/26/2020 11:43	21L	D	C414	N999RK		
Anon-1	2/26/2020 12:07	2/26/2020 12:07	21L	D	GLF3	N330WR	NMS03	85.4
Schneeberg	2/26/2020 15:33	2/26/2020 15:30	UNK	D	UNKN	N46CL		
Anon-1	2/26/2020 22:36	2/26/2020 22:40	03R	A	GLF4	N56L		
Anon-1	2/27/2020 0:37	2/27/2020 0:33	03R	D	AC50	CTL67		
Anon-1	2/27/2020 2:52	2/27/2020 2:57	03R	A	C208	N208LS		
Anon-1	2/27/2020 5:01	2/27/2020 4:57	03R	D	PC12	LBQ875		
Anon-1	2/27/2020 5:10	2/27/2020 5:06	03R	D	UNKN	LBQ865		
Anon-1	2/27/2020 15:02	2/27/2020 15:02	34	T	UNKN	UNKNOWN		
Schneeberg	2/27/2020 16:48	2/27/2020 16:57	03L	A	UNKN	N238AR		
Anon-1	2/27/2020 18:31	2/27/2020 18:31	34	A	PC12	CNS1025		
Anon-1	2/27/2020 22:55	2/27/2020 22:53	03R	D	GLF4	N63NM	NMS03	68.3
Anon-1	2/28/2020 3:25	2/28/2020 3:25	UNK	A	C208	N208LS	NMS03	70.2
Anon-1	2/28/2020 6:30	2/28/2020 6:13	21L	D	E55P	N68TJ	NMS03	76.4
Anon-1	2/28/2020 12:17	2/28/2020 12:27	21L	A	UNKN	UNKNOWN		
Anon-1	2/28/2020 13:44	2/28/2020 13:46	21L	A	BE58	N1129W		
Anon-1	2/28/2020 16:08	2/28/2020 16:07	21L	A	C56X	EJA583		
Anon-1	2/28/2020 22:04	2/28/2020 22:11	34	A	UNKN	N122AA		

Anon-1	2/28/2020 22:28	2/28/2020 22:26	03R	D	GLF4	JNY200		
Anon-1	2/28/2020 22:57	2/28/2020 23:08	UNK	A	PC12	N988EC	NMS03	69.1
Anon-1	2/28/2020 23:00	2/28/2020 23:08	UNK	A	PC12	N988EC	NMS03	69.1
Anon-1	2/29/2020 22:00	2/29/2020 21:54	03R	D	G280	EJM618		
Anon-1	2/29/2020 22:12	2/29/2020 22:05	03R	D	PA34	N906MB		
Anon-1	2/29/2020 22:47	2/29/2020 22:40	21L	D	GLF5	N107AL	NMS03	77.1

Disturbance Location Pin Map – February 2020



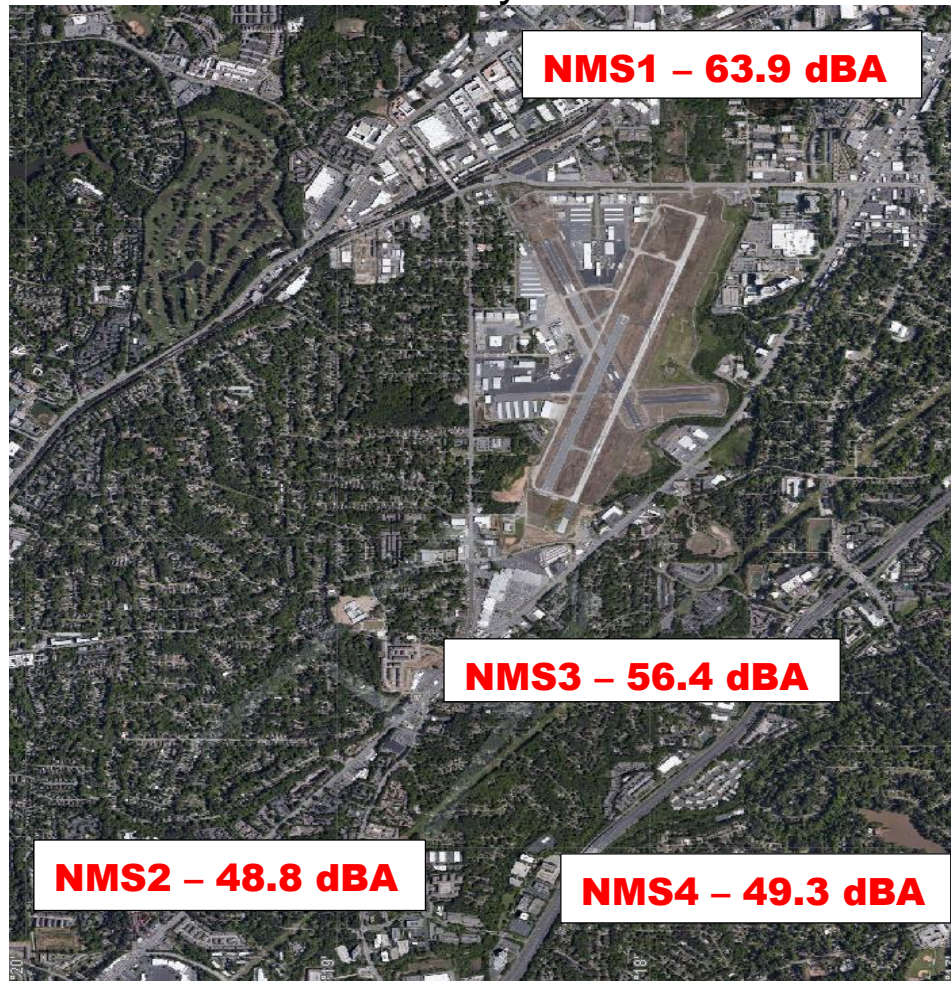
-  1-5 Complaints
-  6-10 Complaints
-  11+ Complaints

Complainants with Complaints Total

(0 Complainant(s) outside of DeKalb County)

Monthly Noise Levels at Monitors

February 2020



Noise Terminology

- *Decibels (dB) are the unit of measurement on the loudness scale. Decibels that a human can hear are called “A-weighted” or “dBA” on the sound frequency scale.*
- *The decibel scale is logarithmic, not linear. The smallest detectable change 1 dB; 3 dB for a human is readily detectable; 10 dB seems twice as loud.*
- *L_{max} – The maximum A-weighted sound level for a given event – the highest level registered on the scale or meter; is not related to the duration for the event.*
- *DNL – A 24-hour time-averaged sound exposure level. It is the noise metric of choice in aircraft sound level measurement. It is also used to define noise contours of equal exposure. All Federal agencies have adopted DNL (LDNA) as the metric for airport noise analysis. (Day Night Level) (Day Night Level A-weighted)*
- *Leq – The steady A-weighted sound level over any specified period. It is used to identify the average sound level over a given period of time.*

Voluntary Curfew Operations & Operators Summary/Letter Status

Operations Summary:

The airport identified a total of **279 (99.64%)** of the **280** operations during the voluntary curfew period (11PM-6AM) during the month of **February 2020**. Of the **279** identified operations, **166 (59.5%)** were classified as **medical transport (e.g., Med-Evac) or other critical flights**. These aircraft are identified in **red bold font** below.

- Out of the *identified* operations, **69 one-time** operations were conducted during this period.
- Out of the *identified* operations, **210 multi-time** operations were conducted during this period, (i.e., sum of all aircraft operations in which an aircraft flew more than once during the voluntary curfew).

Operators Identified / Multi-Use:

103 operators were identified using the airport during the voluntary curfew period (does not include unknown aircraft).

33 operators were identified using the airport during the voluntary curfew period for 2 or more times during the month.

14 multi-use operators were identified as Med-Evac and/or emergency flights.

Complaints received from operations conducted during the voluntary curfew period:

184 complaints were received during **February 2020**.

68 (37%) complaints were received for operations conducted during the voluntary curfew period (**including** those complaints that were found to be non-correlated or indirect).

This Month – February 2020 N#'s (Multi-Use):

20 Aircraft with 2 Operations (N179SF, N600CH, N541S, **N900PS**, N133PE, N859PL, **LBQ865**, N60612, 553LB, 617BZ, N102SW, **N119AE**, N767XT, **LBQ875**, N365GA, N305PL, N288SF, N905FJ)

4 Aircraft with 3 Operations (JTL480, **N423AE**, N131EA, N81P)

3 Aircraft with 4 Operations (**EMD28**, **CTE615**, N2AQ)

2 Aircraft with 5 Operations (**N525LX**, **N895CR**)

1 Aircraft with 8 Operations (N103AV)

1 Aircraft with 10 Operations (**N445CH**)

1 Aircraft with 12 Operations (**SKQ44**)

1 Aircraft with 17 Operations (**SKQ43**)

1 Aircraft with 40 Operations (**CTL67**)

1 Aircraft with 53 Operations (**N208LS**)

Last Month – January 2020 N#'s (Multi-Use):

20 Aircraft with 2 Operations (N716LT, N553LB, **N895CR**, LXJ419, N690BB, **CTE615**, N805LC, N131EA, NEJA776, N244AT, **N56LW**, N32PA, N69PC, N355AE, N780GS, N385RM, N826AC, BKA771, N416AT, **EMD28**)

7 Aircraft with 3 Operations (N8HP, N16PC, **CTE491**, **N445CH**, N642WW, **N400WK**)

1 Aircraft with 27 Operations (**SKQ43**)

2 Aircraft with 4 Operations (**N377P**, N2AQ)

1 Aircraft with 42 Operations (**CTL67**)

1 Aircraft with 6 Operations (N154JK)

1 Aircraft with 59 Operations (**N208L**)

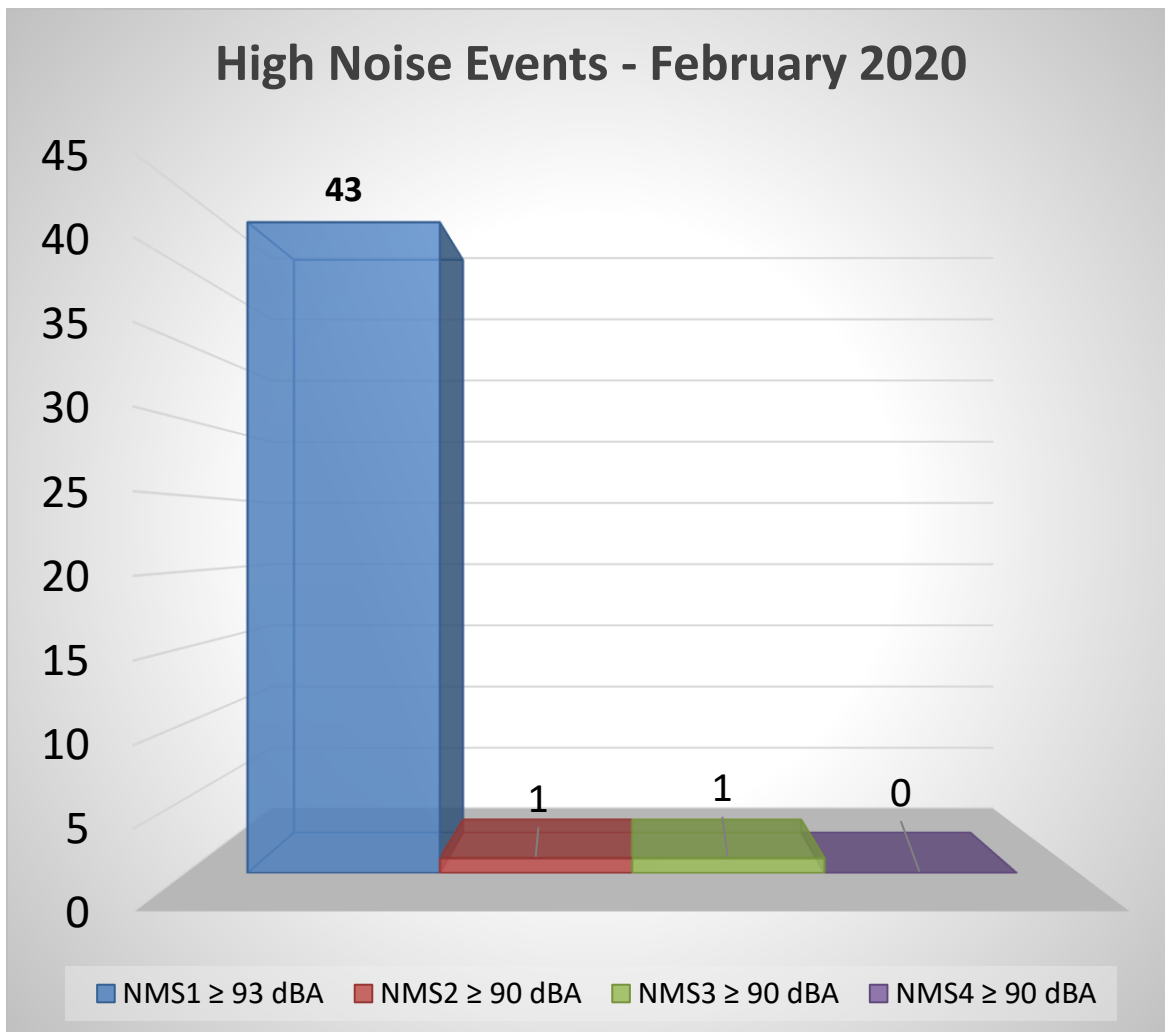
2 Aircraft with 7 Operations (N103AV, **N525LX**)

1 Aircraft with 14 Operations (**SKQ44**)

A total of **110** advisory letters were sent to aircraft operators flying during the voluntary curfew period in the month of **February** who were not identified as Med-Evac and/or other emergency flights.

High Noise Event Threshold

The high noise event threshold was developed to work with pilots in methods and techniques that could reduce aircraft noise levels in and around PDK and its residential areas. Noise Monitoring Station (NMS) 1 is located in a commercial district and is set at **93 dBA Lmax** or greater. All other monitors, NMS2, 3, & 4 are located in residential areas and are set at **90 dBA Lmax** or greater. A Total of **42** advisory letters were sent out this month for aircraft identified as Exceeding PDK's high noise event threshold.



February 2020

37 Aircraft with 1 High Noise Event (N905FJ, N588CC, N434BZ, FNX1176, EJA653, GTH505, DCM1210, JTL118, N500GF, JTL73, EJA319, LXJ378, N8834M, N1097Z, UJC522, N116RW, N365EG, N129CJ, N450EF, N150TC, N568K, N183MS, N609MH, N228PG, N735XL, N741MM, N800EM, N262CW, N831VP, N26NJ, N900QC, N270PC, TMC450, N27GA, UJC523, CTL67, N351GC)

2 Aircraft with 2 High Noise Events (NJ725WF, N791CP)

1 Aircraft with 3 High Noise Events (N30WR)

1 Aircraft with 4 High Noise Events (CTL67)

1 Aircraft unknown

December 2019

63 Aircraft with 1 High Noise Event (N531MB, N791CP, N681GH, N220LE, N917MS, EDG84, N603A, N241DE, N740PC, DCM4068, N8343Y, HRC395, PVO752, N309CJ, N560TP, N31ST, N1360C, N327R, N6KE, CGPOP, N74TB, 32MJ, N80XX, JTL, 58, N880Z, N349SB, N964C, N375GK, N210CM, N3VF, N550DX, N405HR, N600LY, N40PC, N604XT, N414K, N64892, N426JN, N685BC, LXJ550, N173PA, N442GJ, N74825, TMC460, N7664F, BKA771, N79SE, N103AV, N826LJ, N490JC, N860CR, N10RU, N900QC, DPJ753, N958HC, N4QN, N200WL, N122AA, TMC450, N500GF, N502TN, N444QC, N445QS)

13 Aircraft with 2 High Noise Events (N469ES, JTL480, N49KW, N224FD, N428JD, N500FZ, N499PA, EJA599, DCM4212, N979CM, N73924, N304PC, N329GS)

4 Aircraft with 3 High Noise Events (N330WR, N62MV, N116RW, N27GA)

2 Aircraft Unknown

Comments/Concerns?

Please visit www.pdkairport.org for airport information. You may also contact the airport about noise concerns at pdknoise@dekalbcountyga.gov or call the noise hotline at (770) 936-5442.