



Monthly Noise & Operations Report July 2021

Prepared by:
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Environmental & Noise Analyst

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 July occur during all phases of flight. For instance, while aircraft are on the ground, taxiing, operating auxiliary power units (APUs), and conducting run-ups July 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.

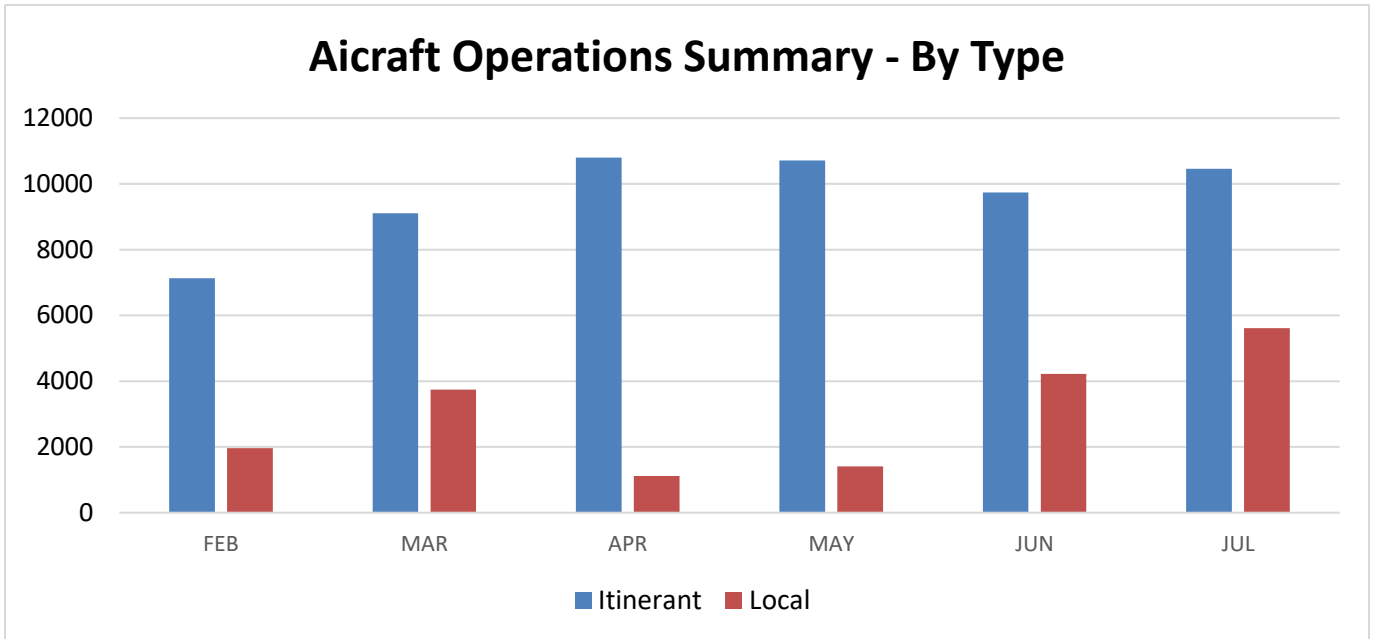
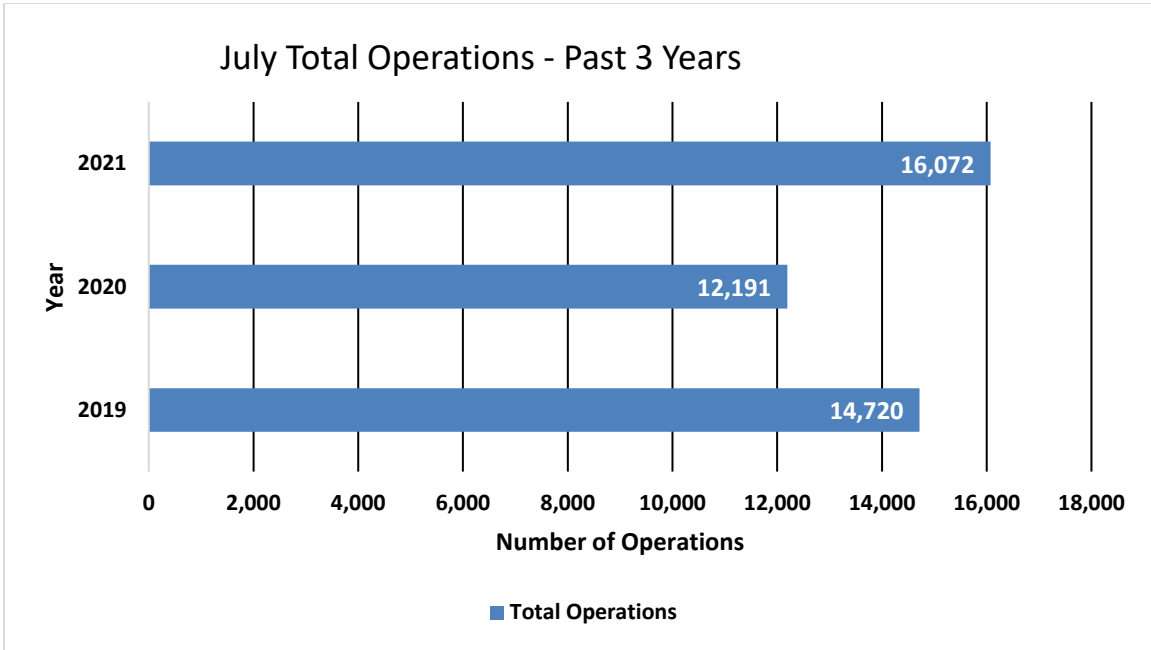
July 2021 Aircraft Operations:

	This Month	This Month, Last Year (July 2020)	% Change from July 2020	5-Year Average for Month
Total Operations	16,072	12,191	31.83%	14,243
Itinerant	10,456	8,155	28.22%	9,587
Local	5,616	4,036	39.15%	4,616
Voluntary Curfew Ops	436	355	22.82%	335
Prior Authorization	147	(4) Noise disturbance calls associated with these flights. (7) 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.

July 2021 Aircraft Operations Summary

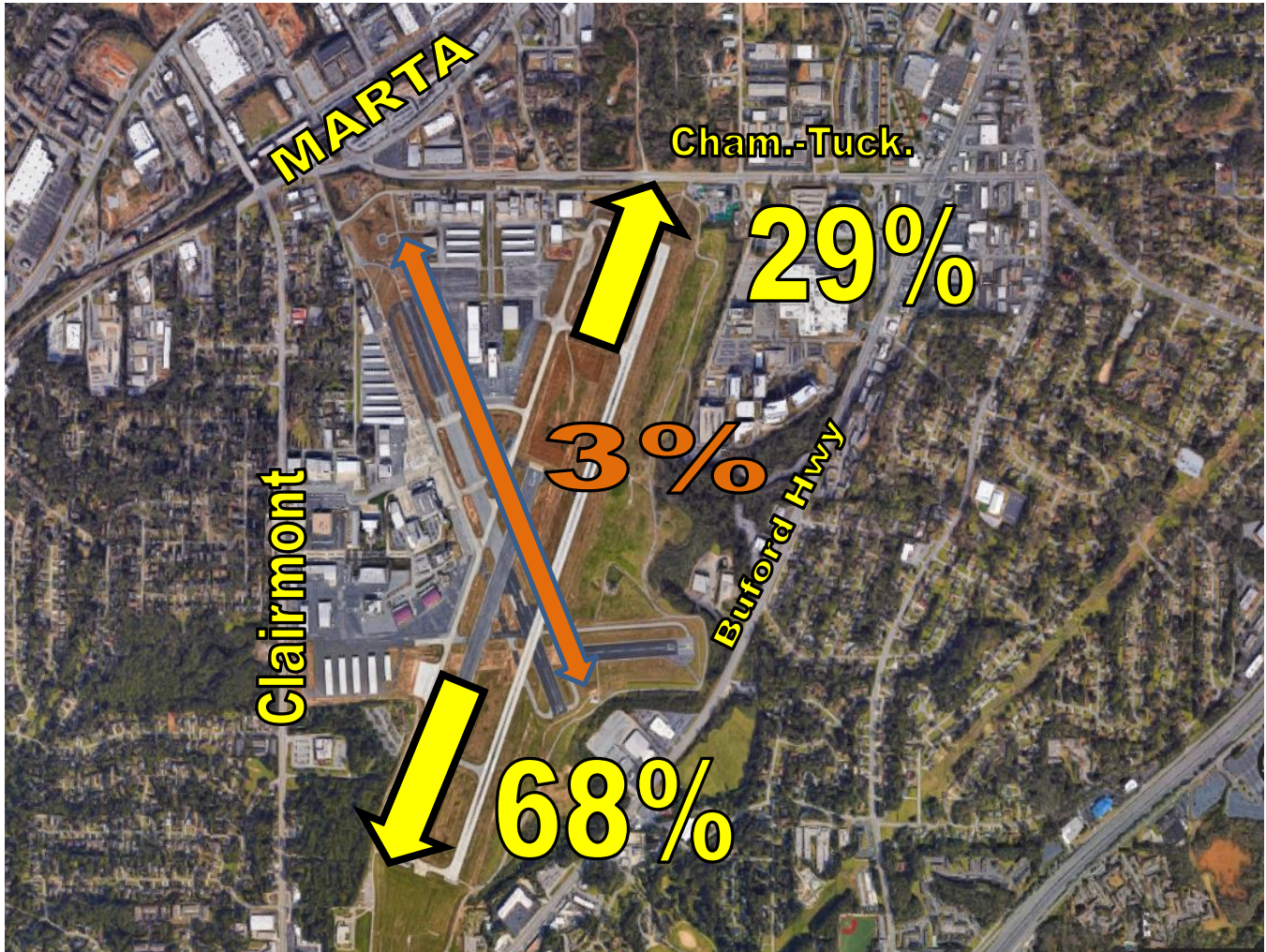


2020 Total Operations	2020 Total Operations as of July 2020	Total 2021 Ops as of July 2021
138,420	77,461	86,686 (11.91%)

2021 Operations by Month				
	Itinerant	Local	Total Tower-Recorded Operations	Voluntary Curfew
JAN	7,643	3,029	10,672	262
FEB	7,134	1,958	9,092	313
MAR	9,109	3,744	12,853	360
APR	10,803	1,115	11,918	413
JULY	10,710	1,410	12,120	460
JUN	9,740	4,219	13,959	442
JUL	10,456	5,616	16,072	436
AUG				
SEP				
OCT				
NOV				
DEC				

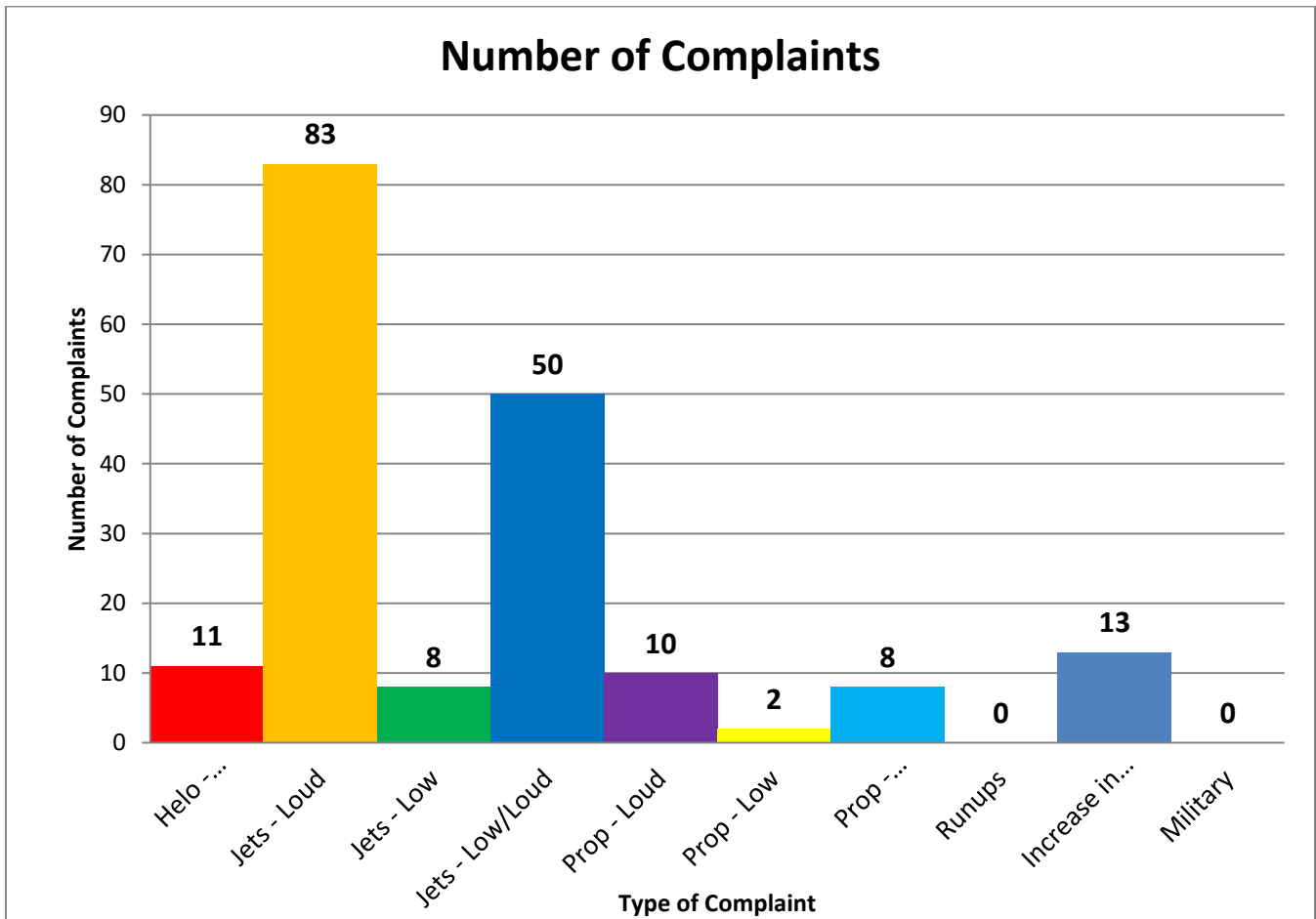
Runway Mode of Operations – July 2021

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.

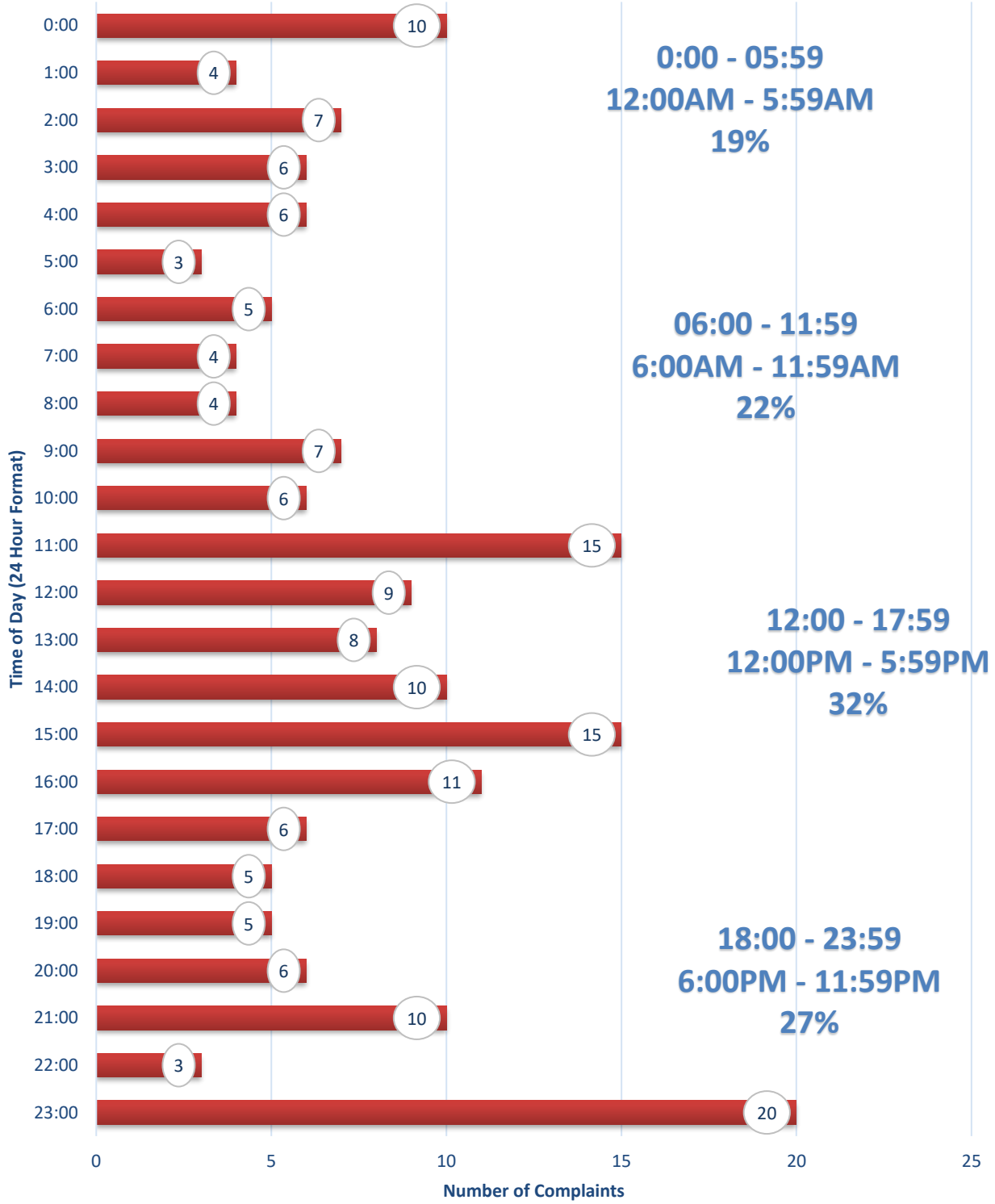


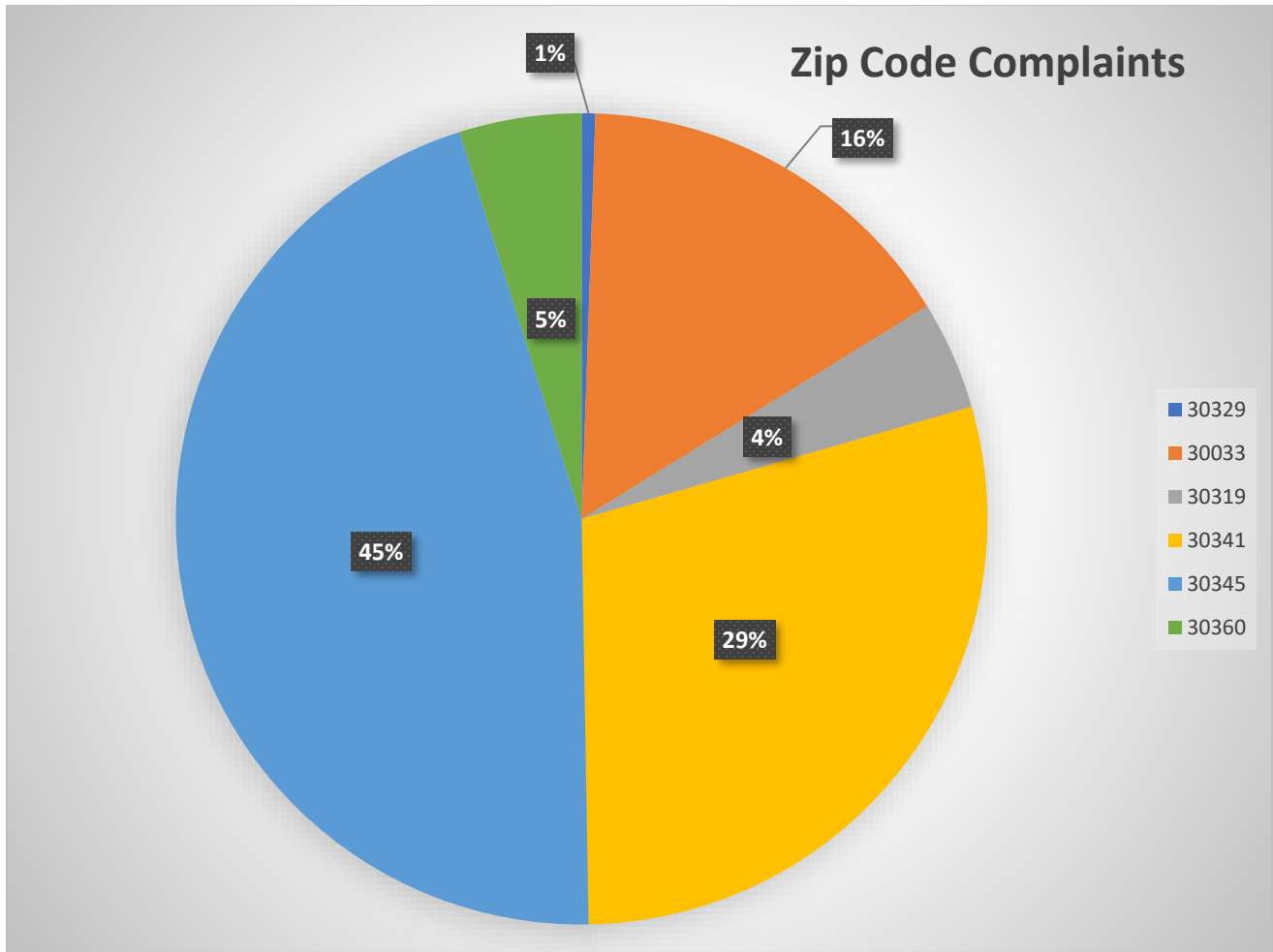
Noise Disturbance Summary

Total complaints for July 2021	Monthly Complaint Average 2021	July 2021 Complaints per Household <i>(minus top two/Households)</i>	July 2021 Complaints per Household <i>All Inclusive</i>
185	192	5.0	7.7



Number of Complaints by Hour



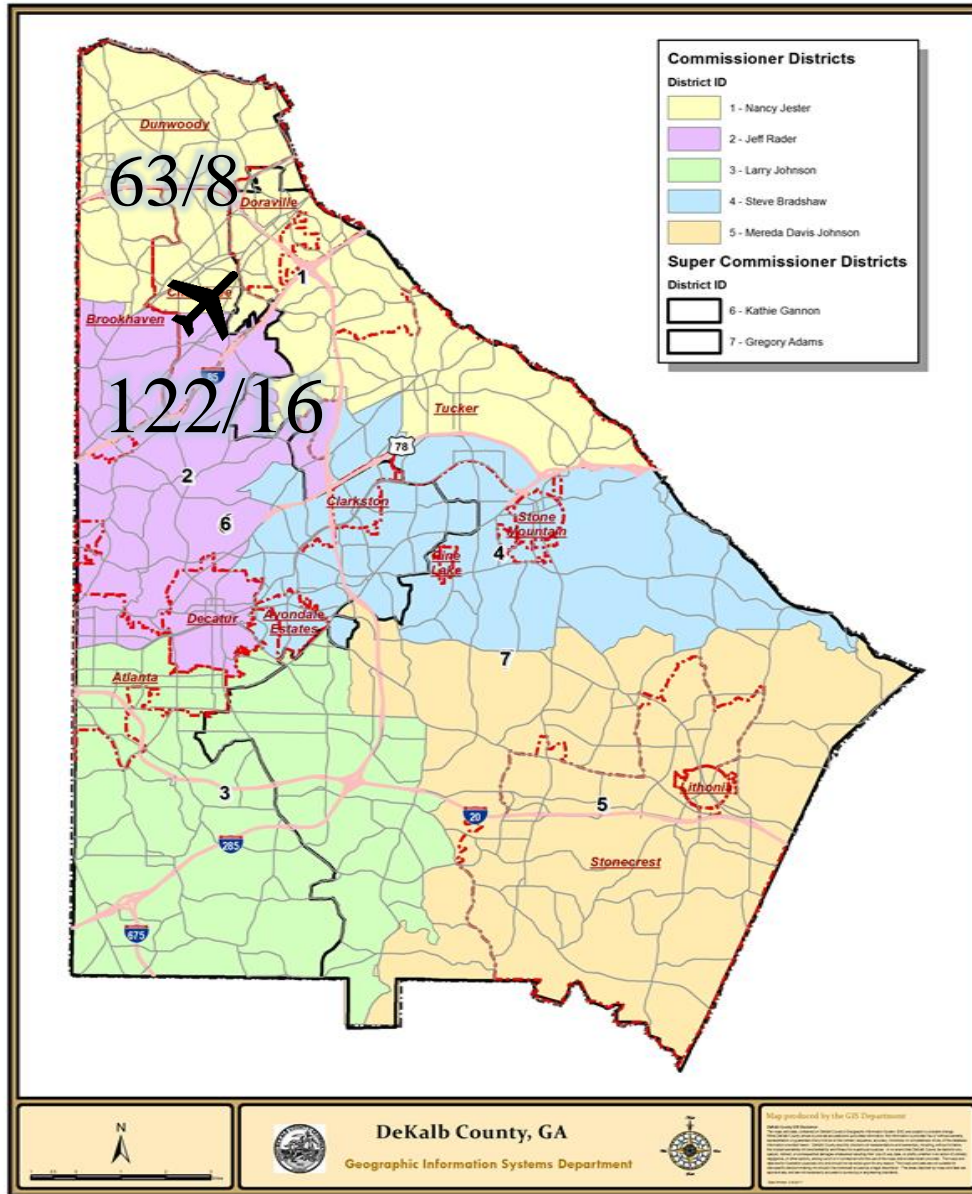


Zip Code Guide		
Zip Code	Community	% of Complaints
30319	Brookhaven	4%
30341	Chamblee - North	29%
30345	Chamblee - South	45%
30033	North Decatur	16%
30329	North Druid Hills	1%
30360	Peachtree Corners	5%

Complaints by Caller

Name	Address	City	Zip Code	Complaints
Schneeberg	2707 Ashford Rd, NE	Atlanta	30319	4
Heckman	2818 Parkridge Dr NE	Brookhaven	30319	1
Maddox	3093 Janice Cir	Atlanta	30341	1
Ledford	3811 Harts Mill Ln	Atlanta	30319	1
Phelps	2513 Thompson Rd NE	Brookhaven	30319	1
Hester	2098 Clairmont Ter NE	Atlanta	30345	2
Hummel	2854 Greenbrook Way NE	Atlanta	30345	3
Cox	1496 N Crossing Cir NE	Atlanta	30329	1
Durden	2500 Emerald Ridge Ct NE	Atlanta	30345	3
Wheeler	2450 Ellijay Dr NE	Brookhaven	30319	1
Anon-1	LaVenture Forest	Atlanta	30341	45
Dutro	1641 Council Bluff Dr NE	Atlanta	30345	24
Cloward	2970 Hilltop Dr	Atlanta	30341	3
Nagel	3905 Winters Hill Dr	Atlanta	30360	9
Abrams	2148 Plantation Ln	Atlanta	30341	1
Yates	1895 9th St	Atlanta	30341	3
Penn	3039 Skyland Dr NE	Chamblee	30341	1
O'Sullivan	2066 Beaver Rd NE	Atlanta	30345	1
Mosler	1918 Gregory Run NE	Atlanta	30345	12
Mercante	2145 Heritage Dr NE	Atlanta	30345	18
Fox	2423 Woodacres Rd NE	Atlanta	30345	19
Black	2450 Wentworth Dr NE	Atlanta	30345	2
Ryan	2190 Spring Creek Rd	Decatur	30033	29

Complaints per Commission District



63/8

122/16

Total Number of Complaints




185/24

Total Number of Complainants

There were 0 complainant(s) outside of DeKalb County with 0 complaint(s) total.
 There were 0 complainant(s) with an unknown address 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 **184 (99.5%)** out of **185** complaints:

- **169 or 91.4%** of the noise complaints were found to be **Direct** correlations
- **15 or 8.1%** were **Indirect** correlations to operations.
- **1 or 0.5%** 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: pdnoise@dekalbcountyga.gov

Name	Offense Time	Flight Time	RWY	Ops	Aircraft Type	Aircraft ID	NMS	Lmax
Thomas	7/1/2021 15:15	7/1/2021 14:51	34	D	UNKN	N7109S		
Thomas	7/1/2021 15:21	7/1/2021 15:10	21L	D	GLF3	N30WR		
Anon-1	7/1/2021 15:51	7/1/2021 15:47	21L	D	GLF4	JTL936		
Maddox	7/1/2021 15:58	7/1/2021 15:46	UNK	O	UNKN	N206TJ		
Yates	7/3/2021 5:49	7/3/2021 5:47	UNK	D	UNKN	N5QV		
Ryan	7/3/2021 22:09	7/3/2021 22:14	03R	A	UNKN	N721HM		
Ryan	7/3/2021 22:11	7/3/2021 22:14	03R	A	UNKN	N721HM		
Anon-1	7/3/2021 23:07	7/3/2021 23:07	UNK	D	UNKN	N445CH		
Penn	7/4/2021 0:47	7/4/2021 0:45	UNK	D	UNKN	N445CH		
Ryan	7/4/2021 11:31	7/4/2021 11:23	UNK	O	UNKN	SVL77		
Ryan	7/4/2021 11:40	7/4/2021 11:45	03R	A	C68A	EJA603		
Ryan	7/4/2021 11:46	7/4/2021 11:52	03R	A	UNKN	N68TJ		
Ryan	7/4/2021 11:50	7/4/2021 11:54	03R	A	B350	GAJ836		
Ryan	7/4/2021 11:55	7/4/2021 11:54	03R	A	B350	GAJ836		
Schneeberg	7/4/2021 13:22	7/4/2021 12:59	UNK	O	UNKN	N1958C		
Ledford	7/4/2021 15:56	7/4/2021 15:53	21R	A	SR20	N233CD		
Anon-1	7/4/2021 18:00	7/4/2021 17:53	21L	D	GALX	FWK882		
Schneeberg	7/5/2021 10:37	7/5/2021 10:13	21R	D	UNKN	N695A		
Nagel	7/5/2021 11:35	7/5/2021 11:41	21L	A	CL30	LXJ529		
Ryan	7/6/2021 11:46	7/6/2021 11:51	03R	A	C680	DPJ708		
Ryan	7/6/2021 12:07	7/6/2021 12:12	03R	A	H25B	JTL58		
Hester	7/6/2021 20:19	7/6/2021 20:13	21L	D	ASTR	N321AJ		
Hummel	7/6/2021 20:26	7/6/2021 20:13	21L	D	ASTR	N321AJ		

Anon-1	7/6/2021 23:22	7/6/2021 23:06	21L	D	C25B	N16BG		
Anon-1	7/6/2021 23:49	7/6/2021 23:41	21L	D	CL35	EJA730		
Ryan	7/7/2021 14:35	7/7/2021 14:38	03R	A	GLF4	KPO44		
Anon-1	7/8/2021 2:39	7/8/2021 3:02	21L	A	C208	N414CY		
O'Sullivan	7/8/2021 12:36	7/8/2021 12:21	21R	D	UNKN	N434BZ		
Fox	7/8/2021 21:46	7/8/2021 21:41	21R	D	BE36	N25615		
Anon-1	7/9/2021 3:02	7/9/2021 2:55	21L	D	C208	N414CY		
Anon-1	7/9/2021 3:15	7/9/2021 3:12	03R	D	AC50	CTL68		
Hummel	7/9/2021 10:05	7/9/2021 9:44	21L	D	PC12	CNS876		
Mosler	7/10/2021 3:19	7/10/2021 3:11	21L	D	C208	N414CY		
Anon-1	7/10/2021 3:33	7/10/2021 3:24	21L	D	C25B	N651CG		
Anon-1	7/10/2021 4:17	7/10/2021 4:11	21L	D	FA50	MJS8811		
Anon-1	7/10/2021 7:36	7/10/2021 7:31	21L	D	GLF5	N505GF		
Schneeberg	7/10/2021 7:49	7/10/2021 7:39	21R	D	PA28	N6919J		
Anon-1	7/11/2021 6:17	7/11/2021 6:12	21L	D	C560	N510JN		
Cox	7/11/2021 6:17	7/11/2021 6:12	21L	D	C560	N510JN		
Ryan	7/11/2021 11:21	7/11/2021 11:12	UNK	O	C68A	EJA567		
Ryan	7/11/2021 11:43	7/11/2021 11:33	UNK	O	CL35	N760HC		
Ryan	7/11/2021 16:54	7/11/2021 16:46	UNK	O	H25B	N565SK		
Anon-1	7/12/2021 2:45	7/12/2021 2:40	16	D	C208	N414CY		
Fox	7/12/2021 15:42	7/12/2021 15:24	21L	D	C700	N75RA		
Ryan	7/12/2021 17:29	7/12/2021 17:20	UNK	O	E190	N378TP		
Fox	7/12/2021 21:12	7/12/2021 21:12	UNK	D	FA50	WDY28		
Hummel	7/12/2021 21:13	7/12/2021 21:12	UNK	D	FA50	WDY28		
Mercante	7/12/2021 21:13	7/12/2021 21:12	UNK	D	FA50	WDY28		

Anon-1	7/13/2021 1:03	7/13/2021 0:59	21L	D	FA7X	N758PM		
Ryan	7/13/2021 11:06	7/13/2021 10:57	UNK	O	C700	EJA811		
Mosler	7/13/2021 18:01	7/13/2021 17:56	21L	D	GLF3	N928BK		
Ryan	7/13/2021 18:01	7/13/2021 17:56	21L	D	GLF3	N928BK		
Anon-1	7/14/2021 4:01	7/14/2021 3:58	21L	D	AC50	CTL314		
Anon-1	7/14/2021 4:16	7/14/2021 4:10	21L	D	C560	N560LC		
Anon-1	7/14/2021 5:26	7/14/2021 5:21	21L	D	C68A	EJA571		
Anon-1	7/14/2021 15:05	7/14/2021 15:11	21L	A	C560	N826AC		
Anon-1	7/14/2021 23:33	7/14/2021 23:26	21L	D	C650	N831VP		
Mosler	7/14/2021 23:59	7/14/2021 23:46	21L	A	SR20	N404YZ		
Anon-1	7/15/2021 13:50	7/15/2021 13:35	UNK	D	C68A	EJA509		
Anon-1	7/15/2021 23:10	7/15/2021 23:13	21L	A	CL35	LXJ575		
Anon-1	7/15/2021 23:23	7/15/2021 23:15	21L	A	CL60	N73ML		
Anon-1	7/15/2021 23:42	7/15/2021 23:45	21L	A	GLF5	N451GV		
Anon-1	7/15/2021 23:53	7/15/2021 23:45	21L	A	GLF5	N451GV		
Fox	7/16/2021 6:22	7/16/2021 6:12	21L	D	E55P	N1873		
Mercante	7/16/2021 21:08	7/16/2021 21:03	21L	D	UNKN	N81MD		
Anon-1	7/16/2021 23:48	7/16/2021 23:48	21L	A	LJ60	N173KR		
Mosler	7/17/2021 0:33	7/17/2021 0:32	21L	D	CL60	OHC213		
Fox	7/17/2021 2:37	7/17/2021 2:32	21L	D	C208	N414CY		
Durden	7/17/2021 9:23	7/17/2021 9:15	21L	D	BE40	N500TH		
Fox	7/17/2021 23:16	7/17/2021 23:09	21L	D	UNKN	N891AA		
Mosler	7/18/2021 0:25	7/18/2021 0:29	03L	A	UNKN	N445CH		

Anon-1	7/18/2021 0:26	7/18/2021 0:29	03L	A	UNKN	N445CH		
Mosler	7/18/2021 0:50	7/18/2021 0:48	UNK	D	UNKN	N445CH		
Mercante	7/18/2021 9:52	7/18/2021 9:41	21R	D	BE36	N60YA		
Mercante	7/18/2021 10:20	7/18/2021 10:13	21R	D	SR22	N426DJ		
Mercante	7/18/2021 14:41	7/18/2021 14:40	UNK	D	C56X	EJA658		
Fox	7/18/2021 20:36	7/18/2021 20:35	21L	D	BE9L	N891AA		
Ryan	7/18/2021 21:06	7/18/2021 21:03	21L	D	C650	N325RD		
Anon-1	7/18/2021 23:15	7/18/2021 23:11	21L	D	C414	N414NC		
Anon-1	7/19/2021 2:03	7/19/2021 1:52	21L	D	C560	N17FA		
Anon-1	7/19/2021 2:57	7/19/2021 2:52	16	D	C208	N414CY		
Fox	7/19/2021 5:11	7/19/2021 5:04	21L	D	C55B	N603DW		
Fox	7/19/2021 6:26	7/19/2021 6:26	21L	D	BE20	N503GF		
Nagel	7/19/2021 16:31	7/19/2021 16:34	21L	A	C25A	N309CJ		
Fox	7/19/2021 16:34	7/19/2021 16:34	21L	D	FA50	N791CP		
Mercante	7/19/2021 20:15	7/19/2021 19:59	21L	D	LJ35	N289AW		
Anon-1	7/19/2021 23:50	7/19/2021 23:28	21L	A	P28A	N103AV		
Hester	7/19/2021 23:51	7/19/2021 23:30	27R	D	A332	UNKNOWN		
Anon-1	7/20/2021 0:14	7/20/2021 0:05	UNK	O	BE58	LBQ1		
Heckman	7/20/2021 0:14	7/20/2021 0:05	UNK	O	BE58	LBQ1		
Fox	7/20/2021 6:15	7/20/2021 6:06	21L	D	PC12	PHJ44		
Nagel	7/20/2021 7:28	7/20/2021 7:30	21L	A	C56X	N346CC		
Mercante	7/20/2021 14:26	7/20/2021 14:31	03R	A	C68A	EJA520		
Mercante	7/20/2021 15:02	7/20/2021 15:06	03R	A	C750	FTH905		

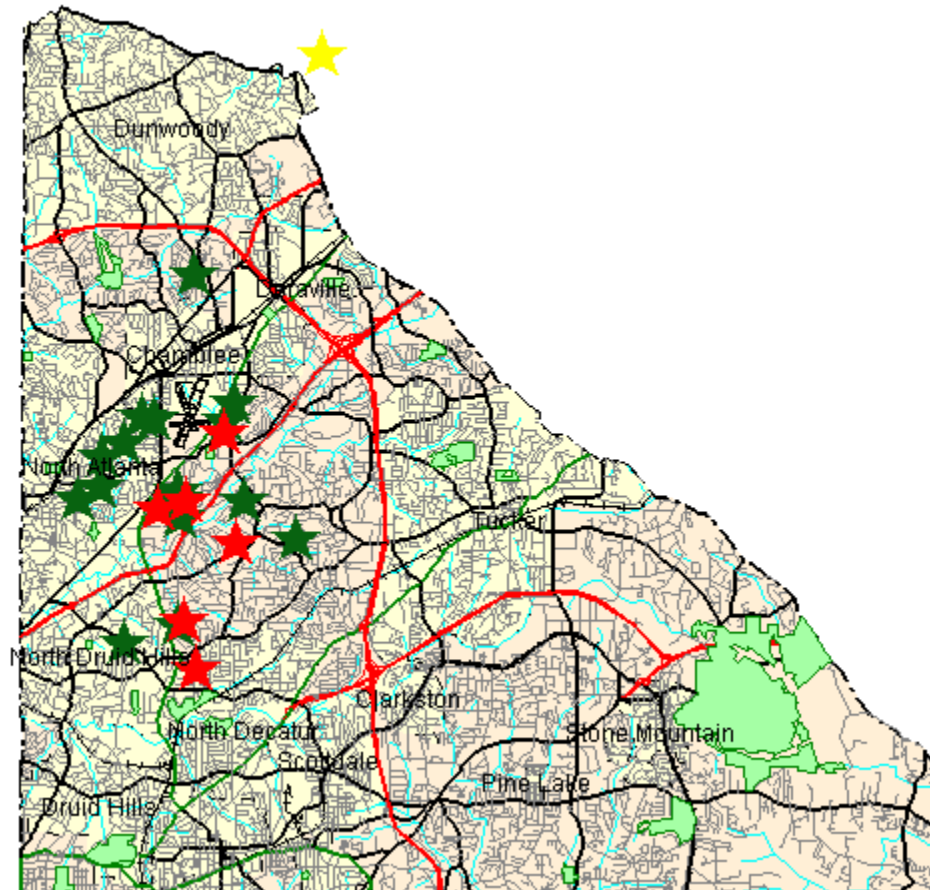
Mercante	7/20/2021 19:42	7/20/2021 19:27	21L	D	SF50	N16VJ		
Mercante	7/20/2021 21:50	7/20/2021 21:56	UNK	A	F900	N721HM		
Anon-1	7/20/2021 23:37	7/20/2021 23:34	21L	D	C560	N469ES		
Anon-1	7/21/2021 0:44	7/21/2021 0:43	21L	D	GLF4	N729TY		
Nagel	7/21/2021 14:03	7/21/2021 14:09	21L	A	UNKN	N600LY		
Nagel	7/21/2021 15:46	7/21/2021 15:57	21L	A	SR20	N404YZ		
Fox	7/21/2021 21:42	7/21/2021 21:36	21L	D	UNKN	WDY805		
Fox	7/21/2021 21:49	7/21/2021 21:48	21L	D	H25B	COL689		
Anon-1	7/21/2021 23:15	7/21/2021 23:07	21L	D	E55P	EJA419		
Anon-1	7/21/2021 23:40	7/21/2021 23:32	21L	D	C650	N650SF		
Dutro	7/22/2021 13:49	7/22/2021 13:53	03R	A	F2TH	N629TG		
Dutro	7/22/2021 18:26	7/22/2021 18:31	03R	A	UNKN	WDY805		
Ryan	7/22/2021 19:26	7/22/2021 19:29	03R	A	G280	N82CW		
Ryan	7/22/2021 19:43	7/22/2021 19:48	03R	A	FA50	N865PC		
Fox	7/22/2021 20:35	7/22/2021 20:38	03R	A	BE9L	N904P		
Dutro	7/23/2021 7:58	7/23/2021 7:42	21L	D	UNKN	N325NW		
Mercante	7/23/2021 8:06	7/23/2021 8:05	21L	D	G150	N722SW		
Mercante	7/23/2021 9:50	7/23/2021 9:42	21L	D	C560	N953F		
Wheeler	7/23/2021 10:45	7/23/2021 10:23	21R	D	UNKN	N793A		
Nagel	7/23/2021 11:08	7/23/2021 11:13	21L	A	PC12	WVU591		
Nagel	7/23/2021 11:53	7/23/2021 12:03	21L	A	C68A	EJA536		
Mosler	7/23/2021 12:31	7/23/2021 12:30	21L	D	F900	N116RW		
Ryan	7/23/2021 12:35	7/23/2021 12:33	UNK	O	UNKN	N445CH		




Mercante	7/23/2021 14:53	7/23/2021 14:51	21L	D	UNKN	N27GA		
Mercante	7/24/2021 12:52	7/24/2021 12:47	21L	D	C25A	N401LG		
Anon-1	7/24/2021 13:13	7/24/2021 13:25	21R	A	UNKN	N152GT		
Fox	7/24/2021 13:24	7/24/2021 13:04	21R	D	UNKN	N53FZ		
Anon-1	7/24/2021 13:36	7/24/2021 13:36	21L	A	C550	N577VM		
Mercante	7/25/2021 8:33	7/25/2021 8:28	21L	D	BE40	DPJ449		
Durden	7/25/2021 9:10	7/25/2021 8:55	21R	D	SR22	N723WB		
Durden	7/25/2021 9:16	7/25/2021 9:09	21L	D	G280	N610DP		
Yates	7/25/2021 13:59	7/25/2021 13:59	UNK	A	UNKN	N117CH		
Nagel	7/25/2021 15:09	7/25/2021 15:16	21L	A	UNKN	UNKNOWN		
Nagel	7/25/2021 15:12	7/25/2021 15:21	21L	A	DA40	MTU83		
Schneeberg	7/25/2021 16:17	7/25/2021 15:53	UNK	O	UNKN	N1958C		
Anon-1	7/26/2021 1:33	7/26/2021 1:30	21L	D	LJ35	RAX1073		
Yates	7/26/2021 10:12	7/26/2021 10:15	21R	D	UNKN	N161GT		
Ryan	7/26/2021 14:08	7/26/2021 14:12	03R	A	E545	LXJ429		
Mercante	7/26/2021 18:44	7/26/2021 18:55	03R	A	C56X	N855JS		
Phelps	7/26/2021 22:55	7/26/2021 22:53	21L	A	PA32	N998MM		
Anon-1	7/26/2021 23:38	7/26/2021 23:37	8R	D	A321	UNKNOWN		
Anon-1	7/27/2021 2:22	7/27/2021 2:17	03R	D	C25A	N309CJ		
Mosler	7/27/2021 8:47	7/27/2021 8:52	03R	A	E55P	LXJ377		
Dutro	7/27/2021 11:54	7/27/2021 11:59	03R	A	GLF5	N505GF		
Dutro	7/27/2021 12:03	7/27/2021 12:09	03R	A	E35L	N515JM		
Dutro	7/27/2021 12:33	7/27/2021 12:34	03R	A	GLF4	N277GM		

Dutro	7/27/2021 16:13	7/27/2021 16:16	03R	A	BE40	DPJ495		
Anon-1	7/27/2021 23:38	7/27/2021 23:23	21L	D	C525	N30AQ		
Anon-1	7/28/2021 3:41	7/28/2021 3:35	21L	D	C560	N1JC		
Fox	7/28/2021 4:30	7/28/2021 4:25	03R	D	C56X	EJA644		
Fox	7/28/2021 4:45	7/28/2021 4:31	21L	D	UNKN	N955AF		
Ryan	7/28/2021 11:36	7/28/2021 11:38	03R	A	E550	N183TS		
Dutro	7/28/2021 14:58	7/28/2021 15:09	03R	A	PC12	CNS5		
Dutro	7/28/2021 15:24	7/28/2021 15:25	03R	A	CL60	SJE39		
Ryan	7/28/2021 15:38	7/28/2021 15:41	03R	A	LJ60	FTD506		
Dutro	7/28/2021 16:04	7/28/2021 16:09	03R	A	UNKN	LXJ354		
Dutro	7/28/2021 16:14	7/28/2021 16:19	03R	A	E55P	EJA371		
Dutro	7/28/2021 16:38	7/28/2021 16:39	03R	A	C56X	JTL640		
Dutro	7/28/2021 17:46	7/28/2021 17:50	03R	A	B350	N327R		
Dutro	7/28/2021 19:46	7/28/2021 19:50	03R	A	GA6C	N151B		
Dutro	7/28/2021 19:49	7/28/2021 19:50	03R	A	GA6C	N151B		
Mosler	7/29/2021 9:22	7/29/2021 9:26	03R	A	C56X	N40HC		
Mercante	7/29/2021 14:36	7/29/2021 14:45	03R	A	PC12	N125LE		
Ryan	7/29/2021 15:21	7/29/2021 15:30	03R	A	LJ45	JTL546		
Dutro	7/29/2021 16:04	7/29/2021 16:09	03R	A	BE40	N560MT		
Dutro	7/29/2021 16:06	7/29/2021 16:07	03R	A	BE20	N508GF		
Dutro	7/29/2021 17:13	7/29/2021 17:18	03R	A	GA6C	N151B		
Dutro	7/29/2021 17:33	7/29/2021 17:39	03R	A	F900	PVO999		
Ryan	7/29/2021 17:43	7/29/2021 17:34	UNK	O	CL30	N21FE		

Ryan	7/29/2021 20:41	7/29/2021 20:59	03R	A	GLF4	N1625		
Black	7/30/2021 1:00	7/30/2021 1:15	21L	A	C550	N819KR		
Black	7/30/2021 1:00	7/30/2021 1:15	21L	A	C550	N819KR		
Anon-1	7/30/2021 2:10	7/30/2021 1:54	UNK	O	UNKN	N382AM		
Mosler	7/30/2021 3:18	7/30/2021 3:15	21L	D	PC12	SKQ31		
Fox	7/30/2021 4:39							
Dutro	7/30/2021 9:14	7/30/2021 9:19	03R	A	C650	N4QN		
Ryan	7/30/2021 10:18	7/30/2021 10:23	03R	A	C56X	N806JS		
Ryan	7/30/2021 11:18	7/30/2021 11:24	03R	A	F900	N621MD		
Ryan	7/30/2021 12:30	7/30/2021 12:09	UNK	O	UNKN	N206TJ		
Cloward	7/30/2021 17:04	7/30/2021 17:07	21L	A	C25M	N727SB		
Fox	7/31/2021 0:13	7/31/2021 0:13	21R	D	AC50	CTL67		
Anon-1	7/31/2021 0:42	7/31/2021 0:34	UNK	D	BE40	N127EJ		
Dutro	7/31/2021 8:22	7/31/2021 8:23	03R	A	BE40	N96GA		
Mercante	7/31/2021 12:50	7/31/2021 12:58	03R	A	PC24	N60JA		
Dutro	7/31/2021 13:56	7/31/2021 14:10	03R	A	C68A	EJA540		
Dutro	7/31/2021 14:44	7/31/2021 14:51	03R	A	GALX	FWK882		
Mosler	7/31/2021 14:48	7/31/2021 14:51	03R	A	C25A	N309CJ		
Abrams	7/31/2021 15:32	7/31/2021 15:16	03L	T	UNKN	N103AV		
Dutro	7/31/2021 16:12	7/31/2021 15:59	03R	D	UNKN	N70X		
Mosler	7/31/2021 21:45	7/31/2021 21:31	21L	A	UNKN	UNKNOWN		
Anon-1	7/31/2021 23:21	7/31/2021 23:25	21L	A	C560	N953F		

Disturbance Location Pin Map – July 2021



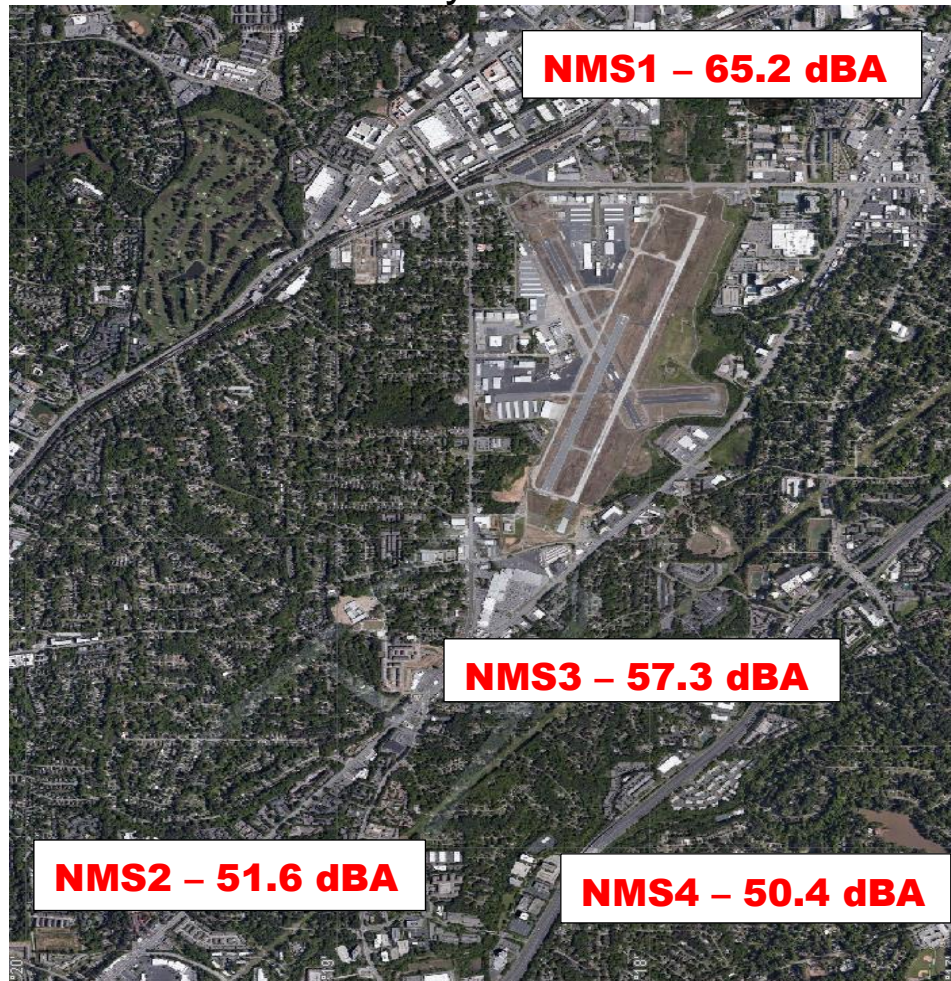
-  1-5 Complaints
-  6-10 Complaints
-  11+ Complaints

Complainants with Complaints Total

(1 Complainant(s) outside of DeKalb County; and 0 unknown)

Monthly Noise Levels at Monitors

July 2021



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 **435 (99.8%)** of the **436** operations during the voluntary curfew period (11PM-6AM) during the month of **July 2021**. Of the **435** identified operations, **196 (45.1%)** 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, **90 one-time** operations were conducted during this period.
- Out of the *identified* operations, **345 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:

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

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

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

Complaints received from operations conducted during the voluntary curfew period:

185 complaints were received during **July 2021**.

56 (30%) 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 – July 2021 N#'s (Multi-Use):

40 Aircraft with 2 Operations (N62855, N827SM, N729TY, **N261ER**, N953F, N300KH, N651WB, N302TG, N773RC, N120GE, N213GS, **N1JC**, N611BV, N650SF, N321TR, N683GA, **N329GS**, N75UM, N350WS, **N777WY**, N382AM, N8605K, **N383JP**, N9522L, N403AA, N5QV, N414NC, **N151LN**, N41RA, N650GE, N127EJ, **N651CG**, N127ZA, N163MU, N451GV, N2105X, N460EM, N758PM, N469ES, **N771MG**, N4DP, N17FA, N503AB, **N210CM**, N503GF, N831VP, **N542MT**, N885GT, **N560LC**, N217PT, N955AF, N9RA, **N23BQ**)

8 Aircraft with 3 Operations (**N895CR**, N819KR, N173KR, **N309CJ**, **N891AA**, **N332AM**, N603DW, N571QS)

8 Aircraft with 4 Operations (N6919J, **N208LS**, N475TA, **N365LH**, N945W, N133PE, N4488H, **N525JW**)

4 Aircraft with 5 Operations (N16BG, N297KH **N553AE**, N71CK)

3 Aircraft with 6 Operations (**N676PC**, **N610BW**, **N143DE**)

1 Aircraft with 8 Operations (N103AV)

2 Aircraft with 10 Operations (**N777CM**, **N304JT**)

1 Aircraft with 11 Operations (**N716TC**)

1 Aircraft with 14 Operations (N620WA)

1 Aircraft with 16 Operations (**N690RR**)

1 Aircraft with 17 Operations (**N445CH**)

1 Aircraft with 57 Operations (**N414CY**)

Last Month – June 2021 N#'s (Multi-Use):

40 Aircraft with 2 Operations (**N981AA**, N708Q, N650CM, N3570B, B210CM, N101SN, **N377P**, N681GH, **N405EH**, N73924, N280PC, **N860CR**, FWK882, N895VA, N428ZZ, N348AJ, JTL58, N65LJ, N450RG, N100BR, N294DW, N70X, N133PE, N7679T, N34A, N83GB, N16BG, N183TS, N58BL, DCM2467, **N5SY**, N330NX, N60LJ, N942JT, N305TC, N349SB, **N649AE**, **N407LS**, N47452

8 Aircraft with 3 Operations (**N309CJ**, NDPJ279, N19646, N101RX, RA701, N302TG, N125SB, N523CT)

3 Aircraft with 4 Operations (N885GT, **N553AE**, **N911UG**)

3 Aircraft with 5 Operations (N372AM, **N63AW**, **EMD28**)

2 Aircraft with 6 Operations (N103AV, N475TA)

1 Aircraft with 7 Operations (**N329GS**)

3 Aircraft with 8 Operations (**N895CR**, **SKQ43**, **N117CH**)

1 Aircraft with 9 Operations (**N918EG**)

1 Aircraft with 11 Operations (**N445CH**)

2 Aircraft with 12 Operations (N69191J, **N208LS**)

1 Aircraft with 34 Operations (**SKQ31**)

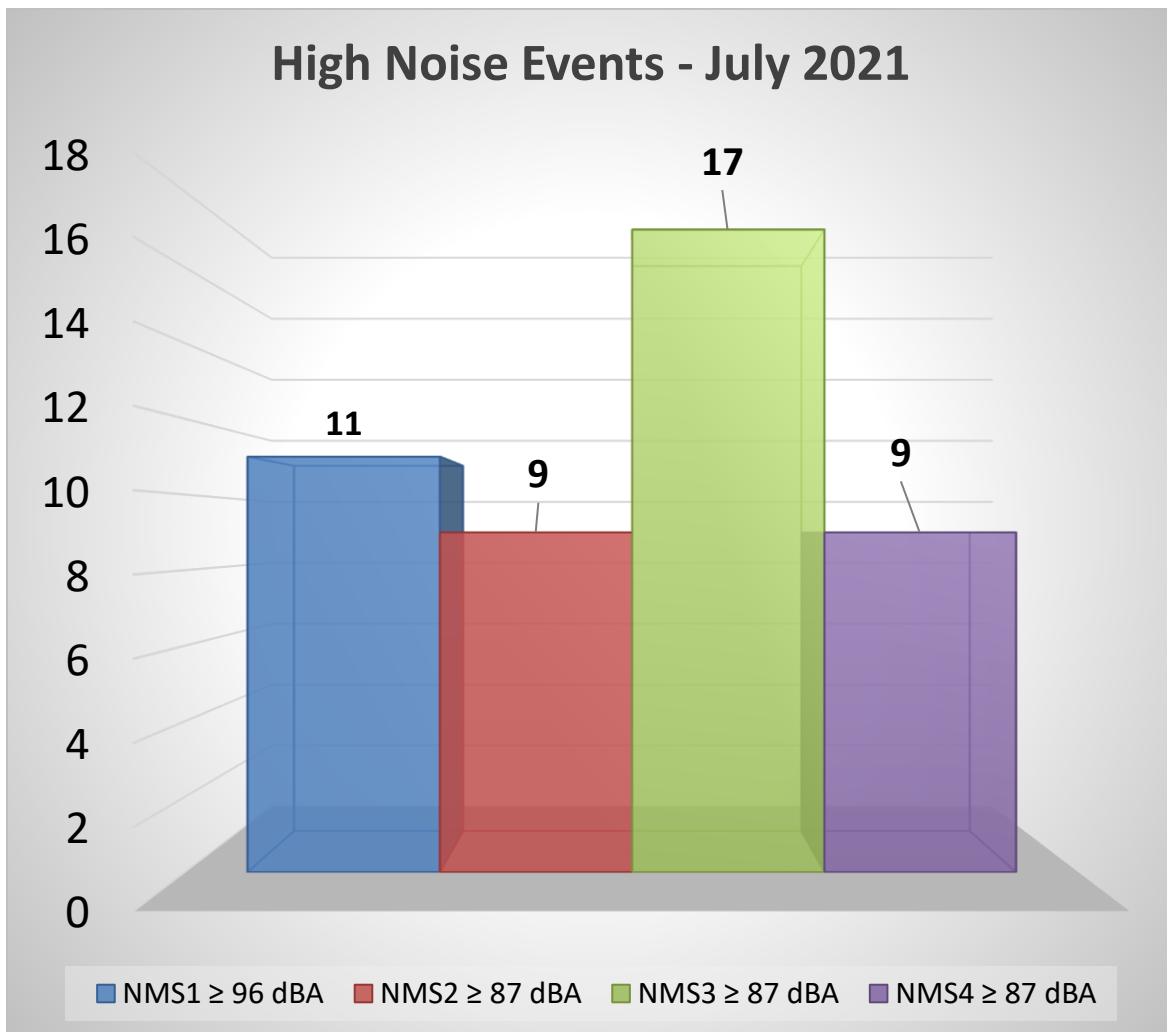
1 Aircraft with 45 Operations (**CTL67**)

1 Aircraft with 46 Operations (**N414CY**)

A total of **239** advisory letters were sent to aircraft operators flying during the voluntary curfew period in the month of **July** 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 **96 dBA Lmax** or greater. All other monitors, NMS2, 3, & 4 are located in residential areas and are set at **87 dBA Lmax** or greater. A Total of **24** advisory letters were sent out this month for aircraft identified as Exceeding PDK's high noise event threshold.



July 2021

7 Aircraft with 2 or more High Noise Event

N62855, N885GT, N442GJ, N161GT, XAICU, N30WR, N4125K

June 2021

1 Aircraft with 2 or more High Noise Event

N135nk

Comments/Concerns?

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