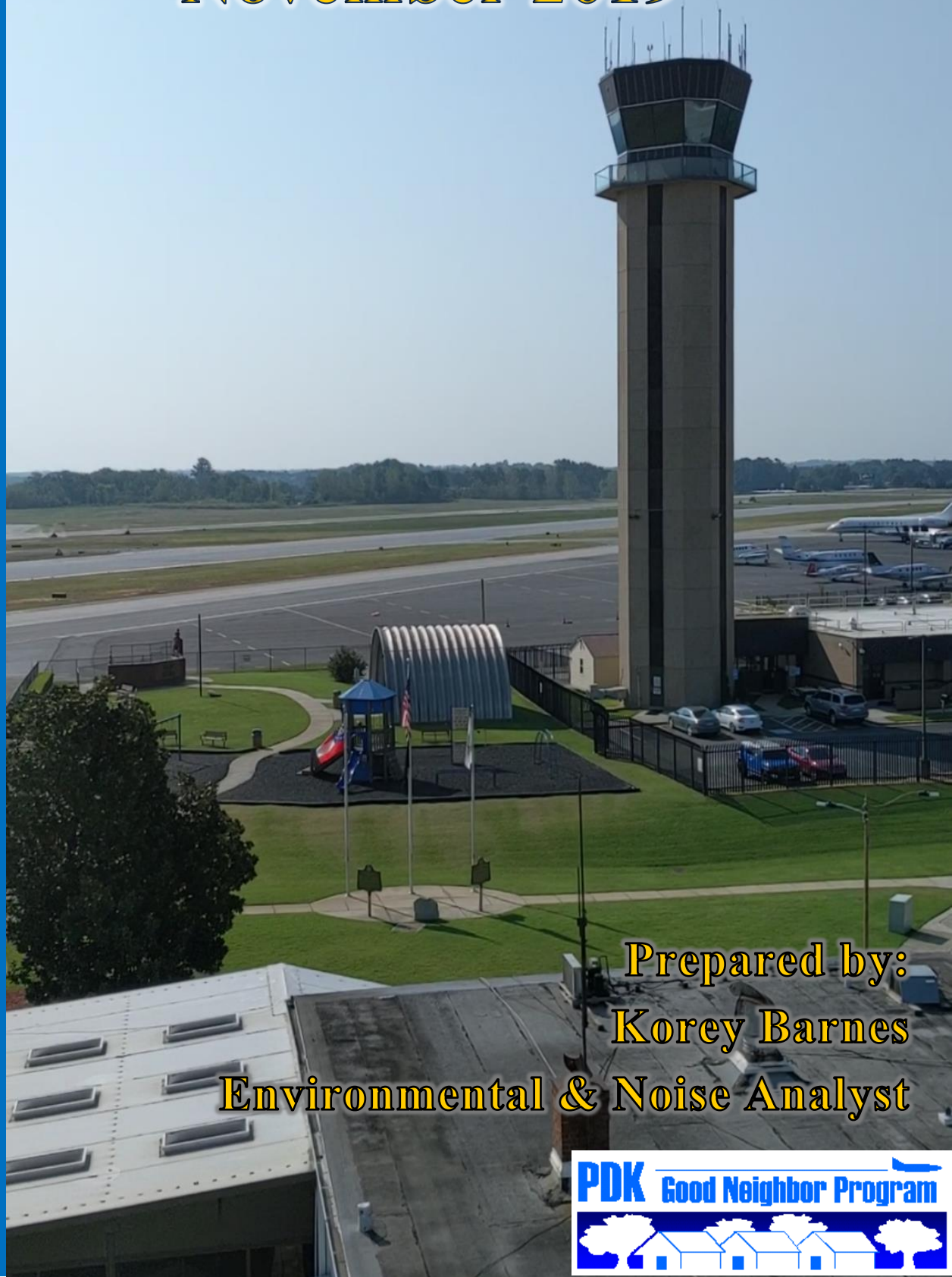


Monthly Noise Report

November 2019



Prepared by:
Korey Barnes
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 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.

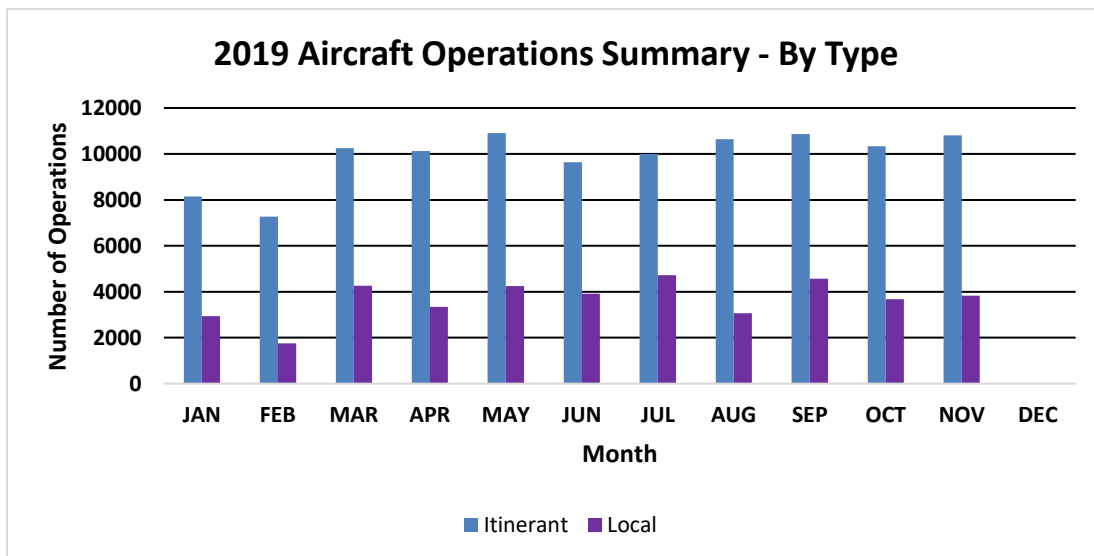
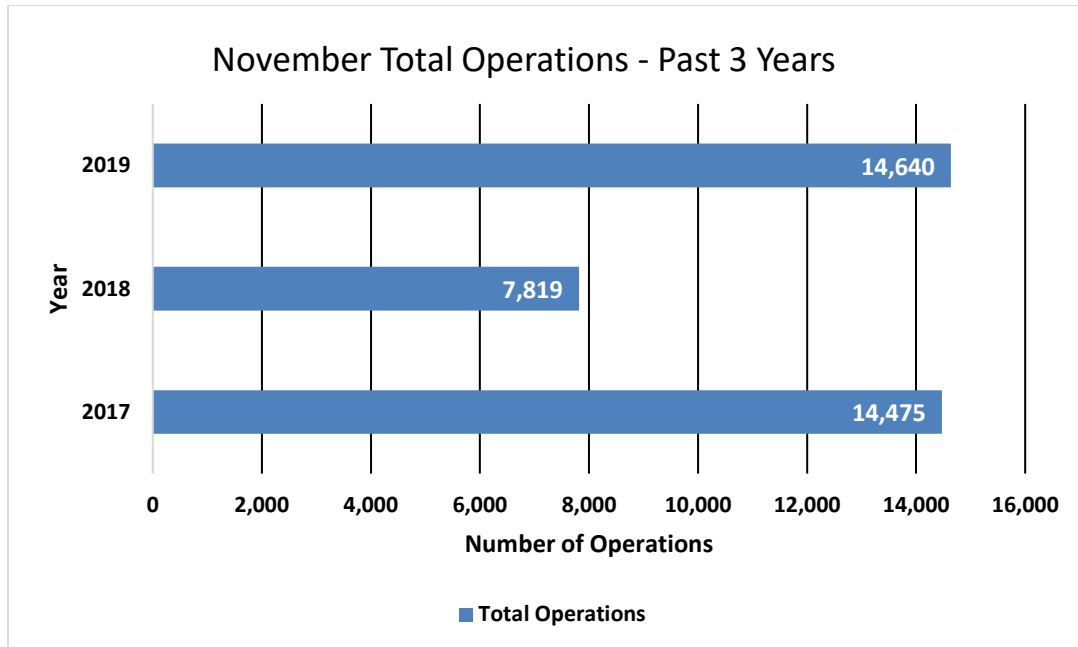
November 2019 Aircraft Operations:

	This Month	This Month, Last Year (November 2018)	% Change from November 2018	5-Year Average for Month
Total Operations	14,640	7,819	87.24%	13,304
Itinerant	10,810	6,194	74.52%	10,235
Local	3,830	1,625	135.69%	3,070
Voluntary Curfew Ops	365	124	194.35%	325
Prior Authorization	177	(6) Noise disturbance calls associated with these flights. (11) 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.

November 2019 Aircraft Operations Summary

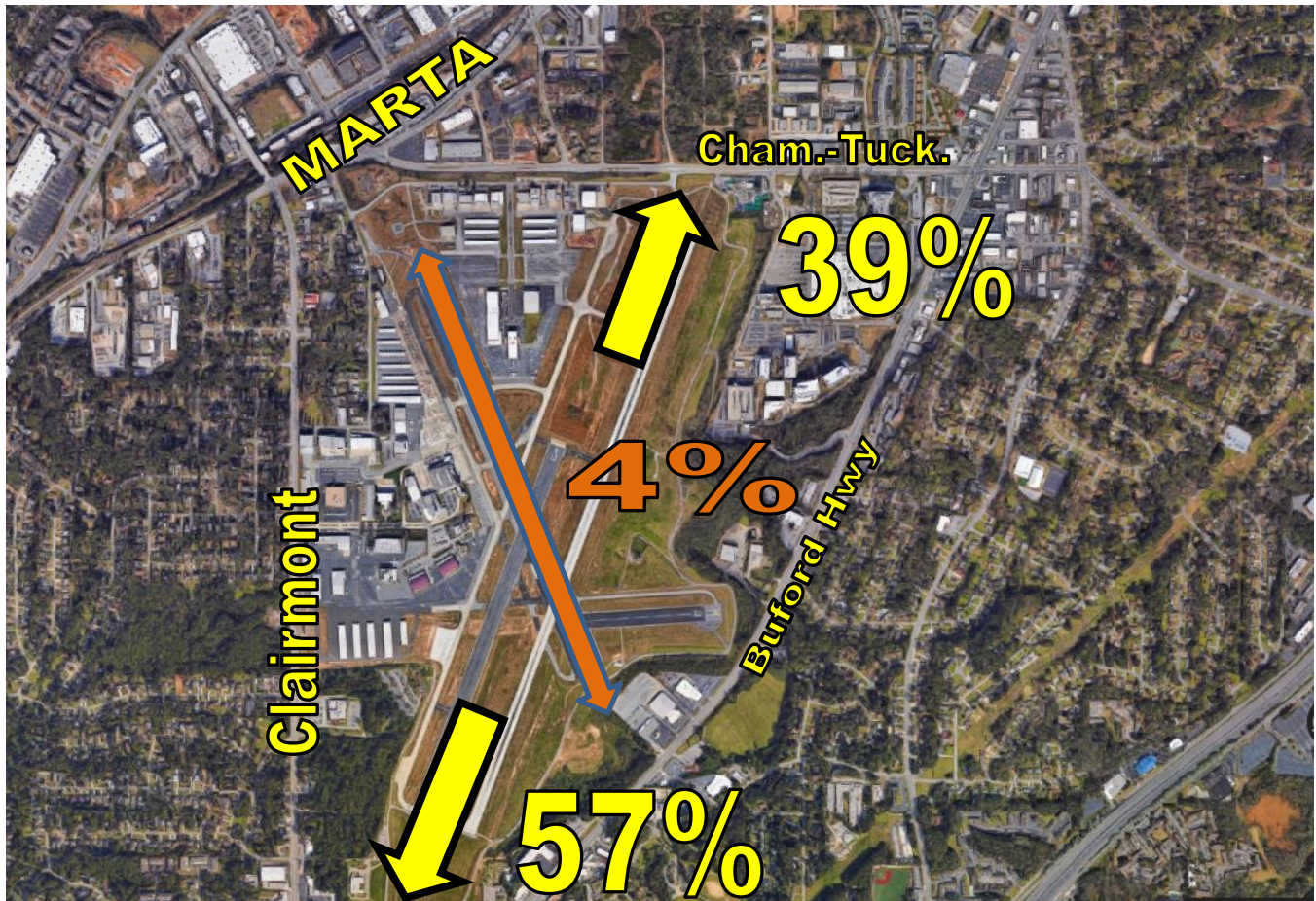


2018 Total Operations	2018 Total Operations as of Nov 2018	Total 2019 Ops as of Nov 2019
151,132	142,261	149,291(4.94%)

2019 Operations by Month				
	Itinerant	Local	Total Tower- Recorded Operations	Voluntary Curfew
JAN	8,151	2,934	11,085	301
FEB	7,268	1,753	9,021	340
MAR	10,247	4,259	14,506	323
APR	10,119	3,347	13,466	346
MAY	10,904	4,249	15,153	358
JUN	9,634	3,910	13,544	315
JUL	10,004	4,716	14,720	300
AUG	10,642	3,060	13,702	324
SEP	10,864	4,571	15,435	373
OCT	10,337	3,682	14,019	390
NOV	10,810	3,830	14,640	365
DEC				

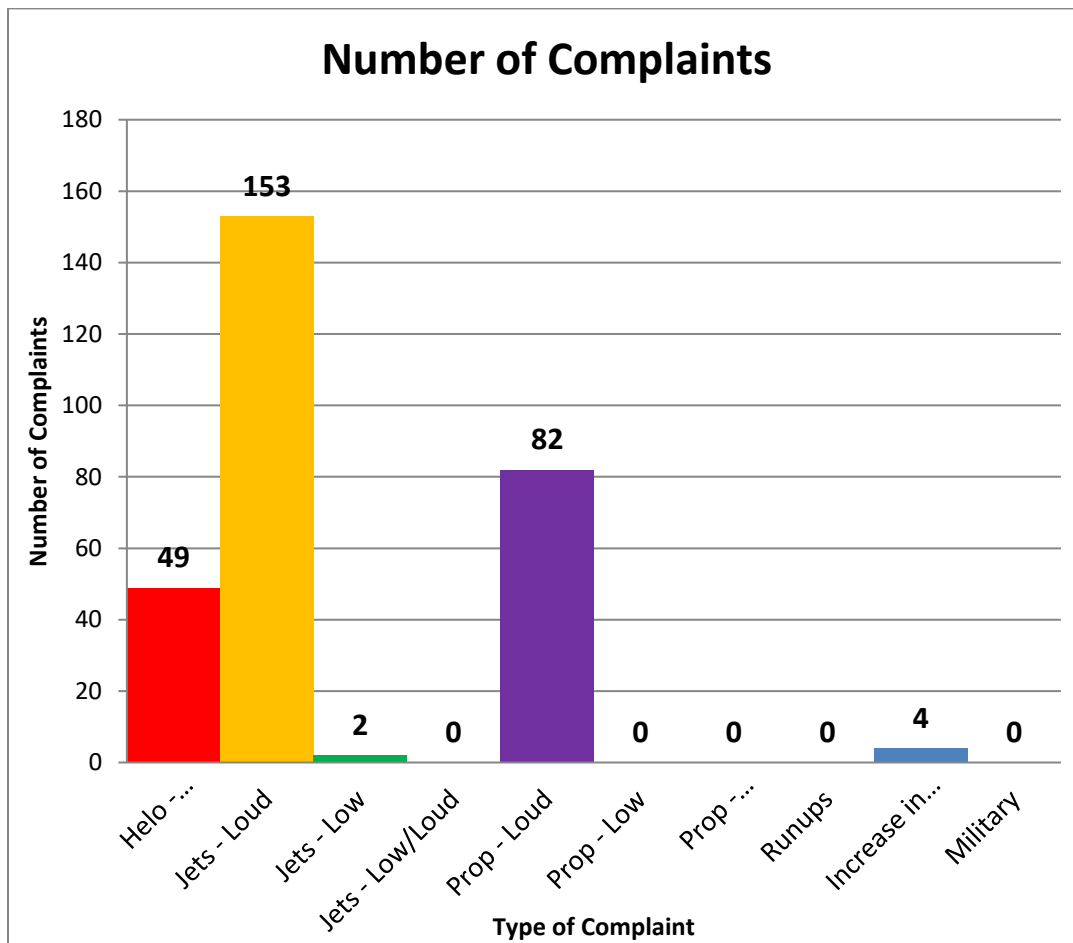
Runway Mode of Operations – November 2019

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.

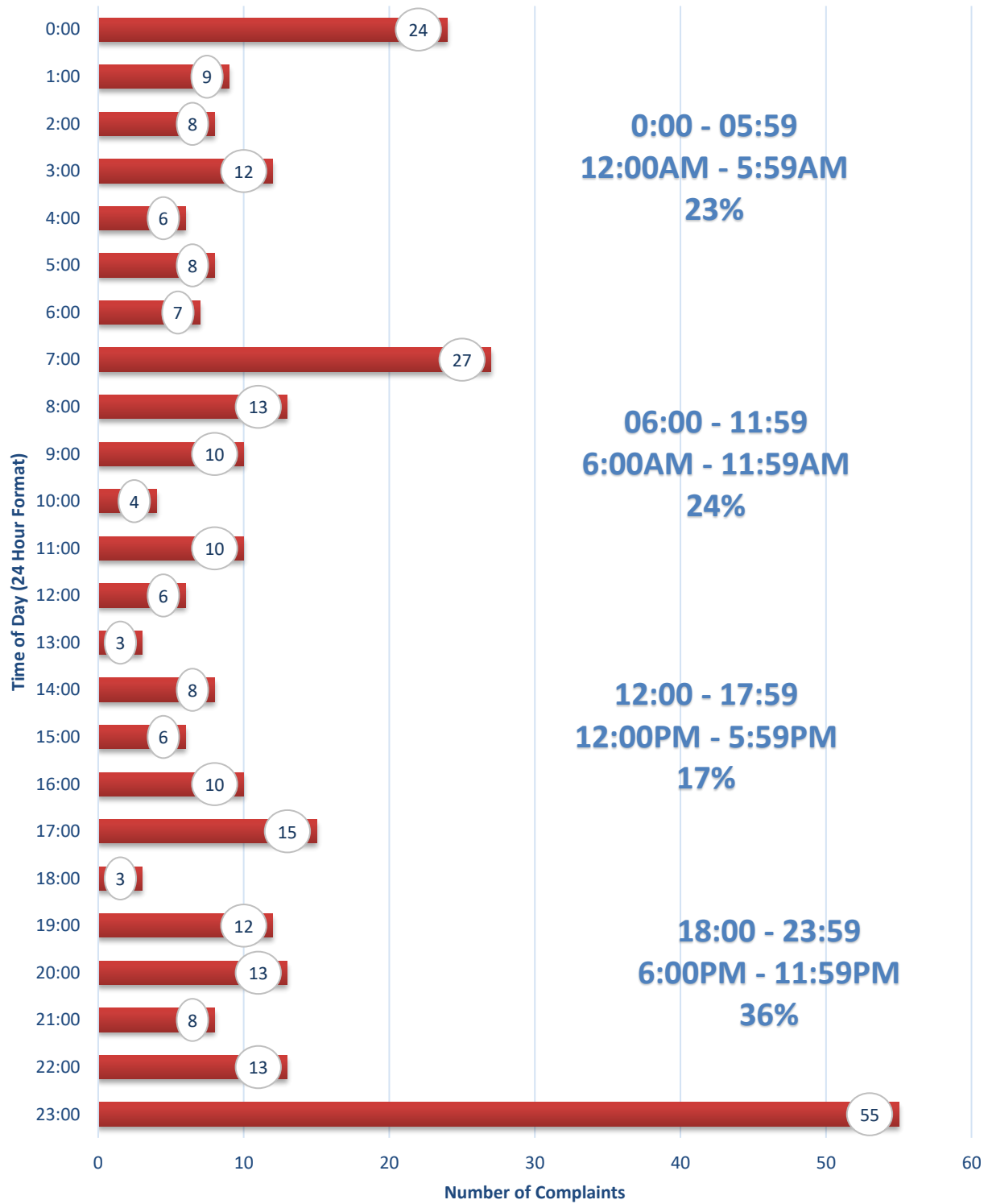


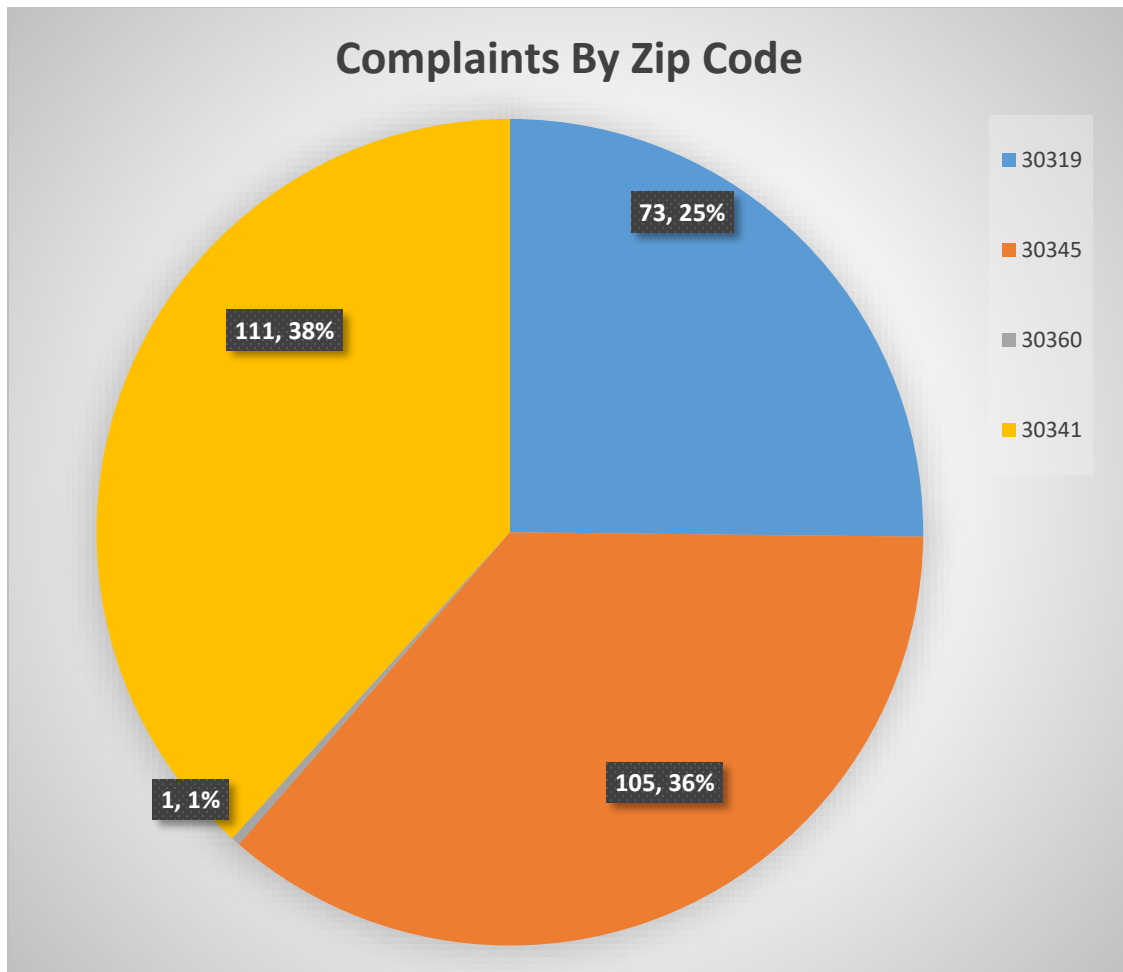
Noise Disturbance Summary

Total complaints for November 2019	Monthly Complaint Average 2019	November 2019 Complaints per Household <i>(minus top two/Households)</i>	November 2019 Complaints per Household <i>All Inclusive</i>
290	310	5.1	11.1



Number of Complaints by Hour



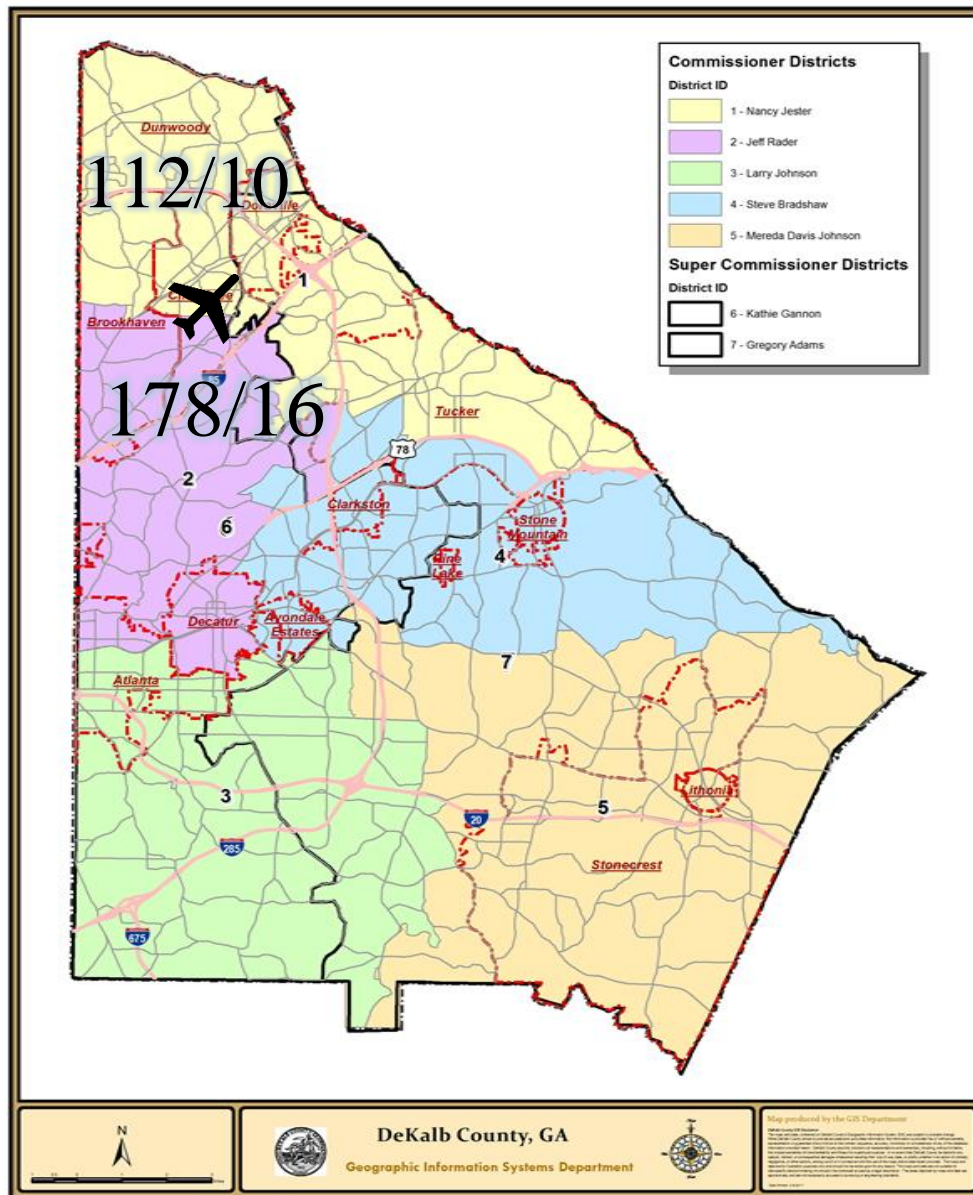


Zip Code Guide		
Zip Code	Community	% of Complaints
30319	Brookhaven	25%
30341	Chamblee - North	38%
30345	Chamblee – South	36%
30360	Dunwoody	1%

Complaints by Caller

Name	Address	City	Zip Code	Complaints
Philips	2442 Wentworth Dr NE	Atlanta	30345	91
Anon -3	3203 Stratford Arms Dr	Chamblee	30341	75
Anon - 1	2486 Skyland Trail NE	Atlanta	30319	57
Yates	1889 9th Street	Chamblee	30341	18
Penn	3039 Skyland Dr NE	Chamblee	30341	8
Doyle	2541 Dering Pl NE	Atlanta	30345	7
Chilivis	2352 Logan Cir NE	Atlanta	30319	4
Terry	2652 Cove Circle NE	Atlanta	30319	4
Brady	1836 Bragg St	Chamblee	30341	3
Mosler	1918 Gregory Run NE	Chamblee	30345	3
Eric	Falling Sky Ct NE	Brookhaven	30319	2
Davidian	1806 Duke Road	Chamblee	30341	2
Anon 30319	Drew Valley	Brookhaven	30319	2
PDK	2000 Airport Rd	Atlanta	30341	2
Schneeberg	2707 Ashford Rd, NE	Atlanta	30319	1
Nagel	3905 Winters Hill Drive	Atlanta	30360	1
Scher	2711 North Thompson	Atlanta	30319	1
Gronde	2414 Sunset Drive NE	Atlanta	30345	1
Runestad	2430 Field Way	Brookhaven	30319	1
Anon - 2	1875 8th St	Chamblee	30341	1
Robinson	2586 Warwick Cir NE	Chamblee	30345	1
Hicks	1494 Bates Court NE	Atlanta	30341	1
Fibus	2743 Redding Road	Atlanta	30319	1
Bay	1843 Georgian Terrace	Chamblee	30341	1
Rogers	2653 Warwick Cir NE	Chamblee	30345	1
Anon - 4	Groveglan Ct	Atlanta	30345	1

Complaints per Commission District






Total Number of Complaints
Total Number of Complainants

290/
26

There were 0 complainant outside of DeKalb County with 0 complaint total.

Correlation Chart of Noise Complaints to Operations

Chart Legend:

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

The airport correlated **271 (93.4%)** out of **290** complaints:

- **262 or 90.4%** of the noise complaints were found to be **Direct** correlations
- **9 or 3.1%** were **Indirect** correlations to operations
- **19 or 6.5%** 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
Anon - 3	11/1/2019 0:34	11/1/2019 0:23	21L	D	C208	N208LS		
Anon - 3	11/1/2019 6:59	11/1/2019 6:46	03R	D	UNKN	OLV608	NMS01	88.3
Anon - 3	11/1/2019 14:42	11/1/2019 14:50	03L	A	UNKN	N471A		
Doyle	11/1/2019 17:05	11/1/2019 17:05	03R	A	C56X	N824JS		
Anon - 1	11/1/2019 19:46	11/1/2019 19:58	03L	A	UNKN	N9686M		
Anon - 3	11/1/2019 19:46	11/1/2019 19:40	03L	D	SR22	N131EA	NMS01	70
Anon - 3	11/1/2019 22:48	11/1/2019 22:21	03R	D	CL30	N304RJ	NMS01	66.5
Anon - 3	11/1/2019 23:20	11/1/2019 23:18	21L	A	UNKN	UNKNOWN		
Anon - 3	11/1/2019 23:23	11/1/2019 23:18	21L	A	UNKN	UNKNOWN		
Anon - 1	11/1/2019 23:33	11/1/2019 23:35	03R	A	C208	N208LS	NMS03	73.3
Anon - 1	11/2/2019 0:02							
Penn	11/2/2019 0:38	11/2/2019 0:39	UNK	A	UNKN	N117CH		
Penn	11/2/2019 0:55	11/2/2019 0:54	21L	D	AC50	CTL67		
Penn	11/2/2019 1:08	11/2/2019 1:07	UNK	D	UNKN	N117CH		
Anon - 3	11/2/2019 1:25	11/2/2019 1:27	21L	A	G280	N270PC	NMS01	87.7
Anon - 3	11/2/2019 6:47	11/2/2019 6:50	21L	A	C560	N154JK	NMS01	83.9
Anon - 1	11/2/2019 12:27	11/2/2019 12:28	21L	D	B350	GAJ843		
Anon - 3	11/2/2019 19:28	11/2/2019 19:26	03R	D	UNKN	TRL0T6T	NMS01	101.9
Rogers	11/2/2019 19:28	11/2/2019 19:26	03R	D	UNKN	TRL0T6T	NMS03	81.4
Robinson	11/2/2019 19:28	11/2/2019 19:26	03R	D	UNKN	TRL0T6T	NMS03	81.4
Anon - 1	11/2/2019 23:00	11/2/2019 23:02	UNK	A	UNKN	N117CH		
Anon - 1	11/2/2019 23:22	11/2/2019 23:21	UNK	D	UNKN	N117CH		
Anon - 1	11/3/2019 0:30	11/3/2019 0:29	03R	D	H25B	CWG949	NMS03	74.7
Anon - 3	11/3/2019 0:30	11/3/2019 0:30	03R	D	LJ55	N824CC		
Anon - 1	11/3/2019 1:54							
Anon - 1	11/3/2019 11:13	11/3/2019 11:07	21L	D	C25B	JTL83	NMS03	70.7
Doyle	11/3/2019 11:48	11/3/2019 11:48	21L	D	UNKN	UNKNOWN	NMS03	96.5

Hicks	11/3/2019 11:50							
Yates	11/3/2019 15:01	11/3/2019 14:39	21R	T	UNKN	N6919J		
Anon - 1	11/3/2019 15:53	11/3/2019 15:45	21R	D	UNKN	N349SB	NMS03	82.6
Anon - 1	11/3/2019 17:07	11/3/2019 16:44	21L	D	C68A	EJA524	NMS03	71.7
Anon - 3	11/3/2019 22:25	11/3/2019 21:58	21L	D	LJ60	N365KM		
Anon - 3	11/3/2019 22:40	11/3/2019 22:44	21L	A	CL30	N371HA		
Anon - 1	11/4/2019 0:20	11/4/2019 0:11	21L	D	BE20	N187MR	NMS03	69.6
Yates	11/4/2019 17:10	11/4/2019 17:13	03R	A	UNKN	N473A		
Brady	11/4/2019 20:33	11/4/2019 20:36	21L	A	C56X	EJA557		
Anon - 3	11/4/2019 23:47	11/4/2019 23:40	21L	A	C208	N208LS	NMS01	90
Philips	11/4/2019 23:48	11/4/2019 23:47	UNK	D	C560	N577XW	NMS03	86.8
Anon - 1	11/4/2019 23:52	11/4/2019 23:59	03R	A	AC50	CLT389		
Anon - 1	11/4/2019 23:55	11/4/2019 23:59	03R	A	AC50	CLT389		
Anon - 1	11/5/2019 0:29	11/5/2019 0:16	UNK	O	UNKN	N547AM		
Scher	11/5/2019 5:30							
Anon - 3	11/5/2019 5:58	11/5/2019 5:59	16	D	UNKN	N2AQ		
Penn	11/5/2019 6:54	11/5/2019 6:52	03R	A	BE20	CTE491	NMS03	70.2
Schneeberg	11/5/2019 8:00	11/5/2019 7:58	UNK	D	UNKN	N83EL		
Anon - 1	11/5/2019 12:10	11/5/2019 12:09	21R	D	SR22	N318MX		
Anon - 3	11/5/2019 13:57	11/5/2019 13:56	21L	D	GLF6	N235BH		
Anon - 3	11/5/2019 15:16	11/5/2019 15:15	21L	A	GLF4	PEG62	NMS01	88.2
Anon - 1	11/5/2019 16:27	11/5/2019 16:27	21L	D	UNKN	UNKNOWN		
Anon - 1	11/5/2019 17:36	11/5/2019 17:36	21L	D	UNKN	UNKNOWN		
Anon - 1	11/5/2019 17:56	11/5/2019 17:55	21R	D	UNKN	UNKNOWN	NMS03	68.6
Anon - 3	11/5/2019 20:20	11/5/2019 20:15	21L	D	GLF6	N673HA		
Philips	11/5/2019 20:34	11/5/2019 20:31	21L	D	GLF6	DCM4084	NMS03	78.2

Penn	11/5/2019 22:29	11/5/2019 22:58	21L	A	F900	EJM904	NMS03	73.9
Anon - 4	11/5/2019 22:41	11/5/2019 22:40	21L	D	H25B	N125SB	NMS04	73.4
Anon - 1	11/5/2019 23:23	11/5/2019 23:00	21L	A	C56X	N735XL	NMS03	76.3
Anon - 1	11/5/2019 23:55	11/5/2019 23:56	03R	A	AC50	CTL67		
Anon - 1	11/5/2019 23:56	11/5/2019 23:59	03R	A	C208	N208LS		
Anon - 3	11/6/2019 8:05	11/6/2019 8:00	03R	D	F2TH	N716GC		
Anon - 3	11/6/2019 8:09	11/6/2019 8:03	03R	D	CL35	EJA729	NMS01	66.3
Philips	11/6/2019 8:33	11/6/2019 8:32	21L	D	H25B	N900QC		
Yates	11/6/2019 14:25	11/6/2019 14:26	UNK	A	UNKN	N445CH		
Philips	11/6/2019 19:25	11/6/2019 19:26	UNK	D	UNKN	UNKNOWN		
Philips	11/6/2019 20:06	11/6/2019 20:03	21L	D	C560	N802AB	NMS03	74.4
Brady	11/6/2019 21:47	11/6/2019 21:45	21L	D	AC50	CTL66		
Terry	11/6/2019 23:09	11/6/2019 23:08	21R	D	PA44	MTU28		
Anon - 1	11/6/2019 23:09	11/6/2019 23:08	21R	D	PA44	MTU28		
Anon - 1	11/6/2019 23:40	11/6/2019 23:49	UNK	O	BE30	FLC83		
Davidian	11/6/2019 23:46	11/6/2019 23:49	UNK	O	BE30	FLC83		
Anon - 1	11/7/2019 0:01	11/7/2019 0:10	21L	A	GLEX	GMA369		
Anon - 1	11/7/2019 0:20	11/7/2019 0:12	UNK	O	BE58	LBQ850		
Nagel	11/7/2019 11:21	11/7/2019 11:22	21L	A	LJ40	N46FE		
Anon - 1	11/7/2019 15:35	11/7/2019 15:28	21R	D	S76	N98PC		
PDK	11/7/2019 16:12							
Yates	11/7/2019 16:34	11/7/2019 16:33	21L	A	LJ31	DCM4085		
Terry	11/7/2019 16:48	11/7/2019 16:38	21L	D	C56X	N60SW	NMS03	68.7
Terry	11/7/2019 16:58	11/7/2019 16:57	21L	D	BE58	N58BE		
Brady	11/7/2019 21:43	11/7/2019 21:41	21L	D	AC50	CTL66		

Philips	11/7/2019 23:41	11/7/2019 23:37	21L	A	C550	N550HJ		
Anon - 1	11/7/2019 23:58	11/7/2019 23:49	UNK	O	BE58	LBQ850		
Anon - 3	11/7/2019 23:59	11/7/2019 23:49	UNK	O	BE58	LBQ850		
Anon - 1	11/8/2019 0:28	11/8/2019 0:16	21L	D	C208	N208LS	NMS03	73
Anon - 1	11/8/2019 0:43	11/8/2019 0:42	21L	D	AC50	CTL67		
Philips	11/8/2019 17:10	11/8/2019 17:06	21L	D	F2TH	N49HT	NMS03	73.2
Anon - 1	11/8/2019 23:27	11/8/2019 23:29	03R	A	C208	N208LS	NMS03	74.3
Yates	11/8/2019 23:55	11/8/2019 23:57	UNK	A	UNKN	N445CH		
Anon - 1	11/9/2019 0:00							
Philips	11/9/2019 0:01							
Anon - 2	11/9/2019 0:01							
Anon - 3	11/9/2019 2:25	11/9/2019 2:39	03R	A	C560	N154JK		
Anon - 3	11/9/2019 3:12	11/9/2019 3:04	03R	D	C560	N154JK	NMS01	82.8
Philips	11/9/2019 19:06	11/9/2019 18:44	21L	D	C68A	EJA652		
Anon - 3	11/9/2019 23:10	11/9/2019 23:17	21L	A	C560	N469ES	NMS01	67.5
Anon - 3	11/9/2019 23:12	11/9/2019 23:17	21L	A	C560	N469ES	NMS01	67.5
Philips	11/9/2019 23:35	11/9/2019 23:28	21L	D	FA50	N200WL	NMS03	84.9
Doyle	11/10/2019 15:25	11/10/2019 15:07	21L	D	CL30	N423JG	NMS03	77
Philips	11/10/2019 17:02	11/10/2019 17:00	21L	D	C501	N110JB		
Philips	11/10/2019 17:03	11/10/2019 17:04	UNK	D	UNKN	UNKNOWN	NMS03	66.7
Philips	11/10/2019 17:10	11/10/2019 16:45	21L	D	E55P	N848AM		
Philips	11/10/2019 17:12	11/10/2019 17:12	21L	D	C525	N711WG	NMS03	80.4
Anon - 1	11/10/2019 18:13	11/10/2019 18:03	21R	D	SR22	N399MG		
Doyle	11/10/2019 21:58	11/10/2019 22:02	03R	A	UNKN	N911UG	NMS03	75
Anon - 3	11/11/2019 7:00	11/11/2019 6:57	21L	D	H25B	JTL58	NMS01	69.5
Anon - 3	11/11/2019 7:00	11/11/2019 6:57	21L	D	H25B	JTL58	NMS01	69.5

Anon - 3	11/11/2019 7:04	11/11/2019 6:59	21L	D	E545	LXJ422	NMS01	69.4
Philips	11/11/2019 7:05	11/11/2019 6:59	21L	D	E545	LXJ422	NMS03	76.4
Philips	11/11/2019 7:22	11/11/2019 7:20	21L	D	F900	EJM904	NMS03	83.2
Philips	11/11/2019 7:23	11/11/2019 7:20	21L	D	F900	EJM904	NMS03	83.2
Philips	11/11/2019 7:25	11/11/2019 7:20	21L	D	F900	EJM904	NMS03	83.2
Philips	11/11/2019 7:26	11/11/2019 7:20	21L	D	F900	EJM904	NMS03	83.2
Philips	11/11/2019 7:30	11/11/2019 7:21	21L	D	P28A	N103AV	NMS03	66.4
Philips	11/11/2019 7:32	11/11/2019 7:21	21L	D	P28A	N103AV	NMS03	66.4
Philips	11/11/2019 7:38	11/11/2019 7:38	21L	D	FA10	N222MU	NMS03	72.3
Philips	11/11/2019 7:42	11/11/2019 7:38	21L	D	FA10	N222MU	NMS03	72.3
Philips	11/11/2019 7:43	11/11/2019 7:38	21L	D	FA10	N222MU	NMS03	72.3
Philips	11/11/2019 7:48	11/11/2019 7:38	21L	D	FA10	N222MU	NMS03	72.3
Philips	11/11/2019 7:52	11/11/2019 7:38	21L	D	FA10	N222MU	NMS03	72.3
Philips	11/11/2019 8:01	11/11/2019 7:58	21L	D	C550	N30GR	NMS03	77
Philips	11/11/2019 8:06	11/11/2019 7:58	21L	D	C550	N30GR	NMS03	77
Philips	11/11/2019 8:14	11/11/2019 7:58	21L	D	C550	N30GR	NMS03	77
Philips	11/11/2019 8:18	11/11/2019 8:25	UNK	D	S22T	N99HS	NMS03	76.3
Philips	11/11/2019 8:25	11/11/2019 8:25	UNK	D	S22T	N99HS	NMS03	76.3
Philips	11/11/2019 9:36	11/11/2019 9:34	21L	D	GLF4	DCM4212	NMS03	78.4
Anon - 1	11/11/2019 12:59	11/11/2019 12:35	21R	T	UNKN	N678DS	NMS03	70.8
Anon - 3	11/11/2019 14:42	11/11/2019 14:39	21R	D	UNKN	N823MC		
Anon - 3	11/11/2019 16:49	11/11/2019 16:48	21L	A	UNKN	N161GT		
Yates	11/11/2019 21:17	11/11/2019 21:24	21L	A	C56X	N100YB		

Anon - 3	11/12/2019 5:26							
Philips	11/12/2019 9:21	11/12/2019 9:24	03R	A	C560	N768JS	NMS03	71.6
Anon - 1	11/12/2019 16:07	11/12/2019 16:06	03R	A	CL30	LXJ578		
Doyle	11/12/2019 18:16	11/12/2019 18:17	UNK	A	UNKN	UNKNOWN	NMS03	88.8
Anon - 3	11/12/2019 20:36	11/12/2019 20:36	UNK	D	UNKN	UNKNOWN		
Mosler	11/12/2019 23:11	11/12/2019 23:12	03R	A	C56X	N735XL		
Philips	11/12/2019 23:18	11/12/2019 23:23	03R	A	C56X	N343CC		
Mosler	11/12/2019 23:18	11/12/2019 23:23	03R	A	C56X	N343CC		
Philips	11/12/2019 23:21	11/12/2019 23:24	03R	A	C56X	N690XL		
Mosler	11/12/2019 23:22	11/12/2019 23:24	03R	A	C56X	N690XL		
Anon - 3	11/12/2019 23:28	11/12/2019 23:24	03R	A	C56X	N690XL		
Philips	11/13/2019 0:31	11/13/2019 0:33	03R	A	C208	N208LS		
Anon - 3	11/13/2019 0:58	11/13/2019 0:57	03R	D	AC50	CTL67	NMS01	85.5
Chilivis	11/13/2019 3:02	11/13/2019 3:04	03R	A	PC12	SKQ44	NMS02	76
Anon - 3	11/13/2019 3:03	11/13/2019 2:56	03R	D	FA50	N77ME	NMS01	94.1
Anon - 3	11/13/2019 6:01	11/13/2019 5:56	03R	D	GLF4	JTL821	NMS01	79.7
Anon - 3	11/13/2019 12:48	11/13/2019 12:47	03R	D	C172	N2661L	NMS01	70.1
Yates	11/13/2019 13:29	11/13/2019 13:31	UNK	A	UNKN	N117CH		
Yates	11/13/2019 16:35	11/13/2019 16:38	03R	A	CL30	N423JG		
Philips	11/13/2019 19:48	11/13/2019 19:41	21L	D	CL35	EJA778	NMS03	73
Anon - 1	11/13/2019 23:40	11/13/2019 23:32	03R	A	C208	N208LS		
Philips	11/13/2019 23:56	11/13/2019 23:52	21L	D	C208	N208LS	NMS03	77.5
Yates	11/14/2019 1:44	11/14/2019 1:45	UNK	A	UNKN	N445CH		

Penn	11/14/2019 1:45	11/14/2019 1:45	UNK	A	UNKN	N445CH		
Yates	11/14/2019 2:12	11/14/2019 2:09	21L	A	E55P	EJA410		
Penn	11/14/2019 2:12	11/14/2019 2:09	21L	A	E55P	EJA410		
Chilivis	11/14/2019 2:20	11/14/2019 2:17	UNK	O	UNKN	N445CH		
Chilivis	11/14/2019 2:54	11/14/2019 3:00	03R	A	PC12	SKQ44	NMS02	69.3
Philips	11/14/2019 2:55	11/14/2019 3:00	03R	A	PC12	SKQ44	NMS03	68.9
Doyle	11/14/2019 6:54	11/14/2019 6:49	21L	D	F2TH	N1925		
Philips	11/14/2019 9:20	11/14/2019 9:09	21L	D	C560	N588CC	NMS03	69.8
Philips	11/14/2019 9:33	11/14/2019 9:26	21R	D	S22T	N59JS		
Philips	11/14/2019 10:26	11/14/2019 10:19	21R	D	UNKN	N18841	NMS03	78.4
Philips	11/14/2019 20:24	11/14/2019 20:24	21L	D	BE40	JCM44	NMS03	87.5
Philips	11/14/2019 21:50	11/14/2019 21:45	21L	D	AC50	CTL66	NMS03	72.9
Philips	11/14/2019 22:03	11/14/2019 21:59	21L	D	C560	N802AB	NMS03	74
Philips	11/14/2019 22:57	11/14/2019 22:57	21L	D	C680	N542CC	NMS03	72.3
Anon - 1	11/14/2019 23:01	11/14/2019 23:01	UNK	D	PRM1	N122DS	NMS03	78.4
Philips	11/14/2019 23:01	11/14/2019 23:01	UNK	D	PRM1	N122DS	NMS03	78.4
Philips	11/14/2019 23:03	11/14/2019 23:01	UNK	D	PRM1	N122DS	NMS03	78.4
Anon - 3	11/14/2019 23:06	11/14/2019 23:02	21L	D	C56X	N952RB	NMS01	69.8
Philips	11/14/2019 23:11	11/14/2019 23:02	21L	D	C56X	N952RB	NMS03	73.5
Anon - 1	11/14/2019 23:11	11/14/2019 23:02	21L	D	C56X	N952RB	NMS03	73.5
Philips	11/14/2019 23:25	11/14/2019 23:24	21L	D	LJ31	FTD510	NMS03	76.4
Anon - 1	11/14/2019 23:26	11/14/2019 23:24	21L	D	LJ31	FTD510	NMS03	76.4
Anon - 3	11/15/2019 6:29	11/15/2019 6:29	03L	D	LJ31	FTD510	NMS01	84.1

Philips	11/15/2019 7:54	11/15/2019 7:53	21L	D	GL5T	N283CK	NMS03	83.8
Anon - 1	11/15/2019 8:38	11/15/2019 8:38	21L	D	BE50	N130DD	NMS03	85.6
Philips	11/15/2019 9:01	11/15/2019 8:58	21L	D	GALX	FWK882	NMS03	80.2
Philips	11/15/2019 20:38	11/15/2019 20:32	21L	D	C650	N304PC	NMS03	80.8
Terry	11/15/2019 23:56	11/15/2019 23:58	03R	A	C208	N208LS	NMS03	70.1
Anon - 1	11/15/2019 23:56	11/15/2019 23:58	03R	A	C208	N208LS	NMS03	70.1
Runestad	11/16/2019 0:04	11/16/2019 0:14	21L	D	C208	N208LS	NMS02	75.6
Anon - 1	11/16/2019 0:17	11/16/2019 0:14	21L	D	C208	N208LS	NMS03	72.9
Anon - 1	11/16/2019 0:46	11/16/2019 0:45	21L	D	AC50	CTL67	NMS03	70.2
Philips	11/16/2019 1:09	11/16/2019 1:14	03R	A	C650	N304PC		
Anon - 1	11/16/2019 2:02	11/16/2019 2:20	21L	A	CL35	EJA759		
Anon - 3	11/16/2019 2:16	11/16/2019 2:20	21L	A	CL35	EJA759	NMS01	88.4
Philips	11/16/2019 11:04	11/16/2019 11:04	03L	A	LJ45	LXJ438		
Philips	11/16/2019 11:17	11/16/2019 11:21	03R	A	UNKN	N693PD	NMS03	70.9
Philips	11/16/2019 11:21	11/16/2019 11:26	03R	A	CL60	EJA220		
Anon - 5	11/16/2019 21:44							
Yates	11/16/2019 22:04	11/16/2019 22:04	UNK	A	UNKN	N684AE		
Anon - 3ibus	11/16/2019 22:31	11/16/2019 22:31	03L	A	P28A	N103AV		
Anon - 1	11/17/2019 0:01	11/17/2019 0:04	03R	A	C208	N208LS	NMS03	79
Anon - 1	11/17/2019 4:30	11/17/2019 4:40	21L	D	LJ60	WWI27	NMS03	77.6
Philips	11/17/2019 10:59	11/17/2019 11:02	03R	A	PC12	N133PE	NMS03	69.2
Philips	11/17/2019 11:03	11/17/2019 11:06	03R	A	P46T	N1032H	NMS03	70.1
Yates	11/17/2019 15:02	11/17/2019 14:56	UNK	D	UNKN	N608HR		

Philips	11/17/2019 19:19	11/17/2019 19:25	03R	A	PC12	CNS11	NMS03	69.9
Anon - 5	11/17/2019 20:45							
Anon - 3	11/17/2019 23:46	11/17/2019 23:45	03R	D	CL35	TKM22	NMS01	84
Philips	11/18/2019 0:44	11/18/2019 0:44	UNK	D	C560	N577XW	NMS03	82.4
Davidian	11/18/2019 0:44	11/18/2019 0:44	UNK	D	C560	N577XW	NMS03	82.4
Anon - 1	11/18/2019 3:10	11/18/2019 3:14	21L	D	LJ35	N505GJ	NMS03	74.3
Philips	11/18/2019 3:14	11/18/2019 3:14	21L	D	LJ35	N505GJ	NMS03	74.3
Philips	11/18/2019 3:26	11/18/2019 3:25	21L	D	C560	N900PS	NMS03	77.1
Anon - 1	11/18/2019 3:30	11/18/2019 3:25	21L	D	C560	N900PS	NMS03	77.1
Philips	11/18/2019 3:52	11/18/2019 3:49	21L	D	GALX	SIS648	NMS03	79.6
Anon - 1	11/18/2019 3:52	11/18/2019 3:49	21L	D	GALX	SIS648	NMS03	79.6
Anon - 3	11/18/2019 7:25	11/18/2019 7:20	21L	D	GLF4	LXJ458		
Anon - 1	11/18/2019 9:42	11/18/2019 9:41	21R	D	UNKN	N349SB		
Philips	11/18/2019 10:22	11/18/2019 10:14	21L	D	H25B	JTL58	NMS03	68.7
Yates	11/18/2019 17:54	11/18/2019 17:57	UNK	A	UNKN	N911UG		
Philips	11/18/2019 19:51	11/18/2019 19:49	21L	D	GLF4	N857ST	NMS03	69.6
Philips	11/18/2019 19:55	11/18/2019 19:49	21L	D	GLF4	N857ST	NMS03	69.6
PDK	11/18/2019 20:13							
Philips	11/18/2019 20:52	11/18/2019 20:39	21L	D	LJ75	JRT58	NMS03	71.5
Anon - 1	11/18/2019 23:10	11/18/2019 23:12	03L	A	UNKN	N445CH		
Anon - 3	11/18/2019 23:32	11/18/2019 23:37	21L	A	C56X	N979AZ	NMS01	87.2
Anon - 1	11/18/2019 23:34	11/18/2019 23:37	21L	A	GALX	N7FF		
Anon - 1	11/19/2019 1:04	11/19/2019 0:56	21L	D	AC50	CTL67		

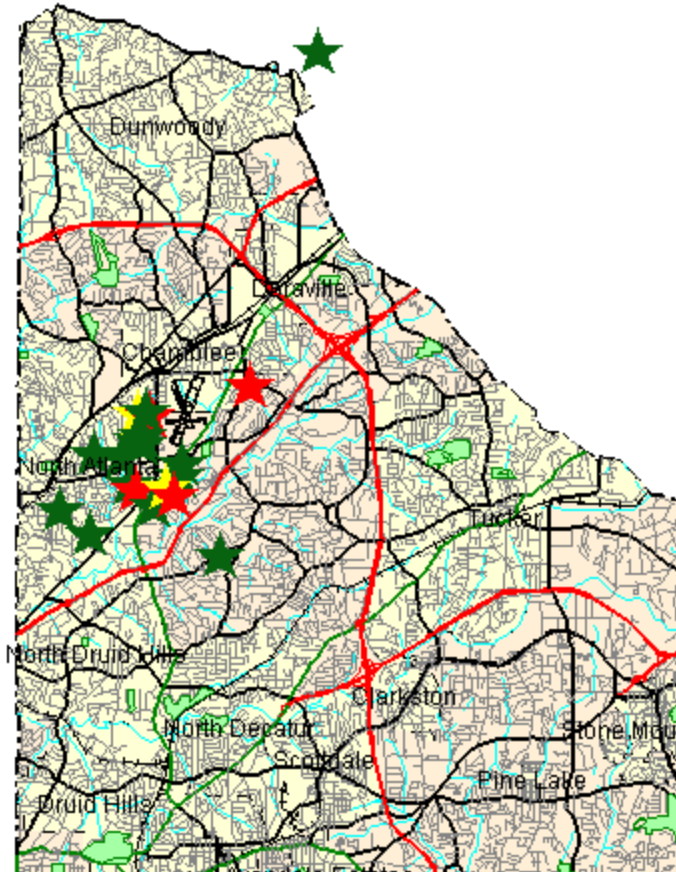
Anon - 1	11/19/2019 7:44	11/19/2019 7:31	21R	D	BE35	N1737B	NMS03	75.5
Philips	11/19/2019 7:53	11/19/2019 7:53	UNK	D	SR22	N553LB	NMS03	76
Anon - 3	11/19/2019 20:25	11/19/2019 20:20	21L	A	CL30	N310VZ	NMS01	68.7
Philips	11/19/2019 21:40	11/19/2019 21:35	21L	D	GLF5	N599H	NMS03	69.9
Anon - 3	11/19/2019 23:18	11/19/2019 23:19	21L	A	CL60	N621DJ	NMS01	89.7
Anon - 3	11/19/2019 23:43	11/19/2019 23:44	21L	A	AC50	CTL67		
Anon - 3	11/20/2019 0:51	11/20/2019 0:48	03R	D	AC50	CTL67	NMS01	87
Anon - 1	11/20/2019 3:03	11/20/2019 2:58	21L	D	C560	N777WY	NMS03	82.8
Anon - 1	11/20/2019 3:12	11/20/2019 3:11	21L	D	PC12	SKQ44		
Anon - 3	11/20/2019 6:01	11/20/2019 6:00	16	D	UNKN	N6QP		
Philips	11/20/2019 18:35	11/20/2019 18:33	03R	T	UNKN	N401SM	NMS03	76
Anon - 3	11/20/2019 20:36	11/20/2019 20:32	03L	D	P28A	N103AV	NMS01	70.4
Yates	11/21/2019 1:21	11/21/2019 0:56	21L	D	BE20	CTE816	NMS03	78.6
Anon - 1	11/21/2019 12:04	11/21/2019 11:50	21L	D	PAY3	N69PC		
Philips	11/21/2019 20:34	11/21/2019 20:20	21R	D	C172	N704RB	NMS03	74.1
Chilivis	11/22/2019 3:03	11/22/2019 3:02	21L	D	PC12	SKQ44		
Anon - 3	11/22/2019 4:53							
Anon - 3	11/22/2019 13:08	11/22/2019 13:14	21R	T	UNKN	N103AV		
Anon - 3	11/22/2019 14:12	11/22/2019 14:17	21L	A	C56X	N343CC	NMS01	91.8
Yates	11/22/2019 14:37	11/22/2019 14:37	UNK	A	EC35	N911UG		
30319	11/22/2019 16:57							
Anon - 3	11/22/2019 23:27	11/22/2019 23:20	UNK	O	BE55	N5755K		
30319	11/23/2019 7:39							

Philips	11/23/2019 11:23	11/23/2019 11:17	21L	D	GLF4	N2129		
Philips	11/23/2019 12:55	11/23/2019 12:51	21L	D	GLF4	N176MG		
Anon - 3	11/24/2019 7:44	11/24/2019 7:41	03R	D	BE40	N404MS	NMS01	83.9
Anon - 3	11/24/2019 16:13	11/24/2019 16:11	UNK	D	UNKN	UNKNOWN		
Anon - 3	11/24/2019 23:03	11/24/2019 23:02	UNK	D	UNKN	N117CH	NMS01	68.5
Penn	11/24/2019 23:16	11/24/2019 23:11	UNK	D	UNKN	N269AE		
Anon - 3	11/25/2019 4:24	11/25/2019 4:20	UNK	O	UNKN	N429AE	NMS01	68.9
Anon - 3	11/25/2019 5:32	11/25/2019 5:36	21L	A	BE20	CTE615	NMS01	88.4
Anon - 3	11/25/2019 5:41	11/25/2019 5:36	21L	A	BE20	CTE615	NMS01	88.4
Anon - 3	11/25/2019 5:48	11/25/2019 5:42	21L	D	BE20	CTE615	NMS01	66.4
Anon - 3	11/25/2019 5:59	11/25/2019 5:57	03R	D	C56X	N735XL	NMS01	86.6
Philips	11/25/2019 7:02	11/25/2019 6:57	21L	D	C56X	DPJ716	NMS03	77.3
Philips	11/25/2019 7:05	11/25/2019 6:59	21L	D	C56X	N690XL	NMS03	72.6
Philips	11/25/2019 7:19	11/25/2019 7:18	UNK	D	BE20	CTE816	NMS03	79
Anon - 3	11/25/2019 7:20	11/25/2019 7:13	21L	D	BE40	TMC460	NMS01	71.8
Philips	11/25/2019 7:34	11/25/2019 7:22	21R	D	P28A	N485A	NMS03	72.9
Philips	11/25/2019 7:59	11/25/2019 7:51	21L	D	C550	N30GR	NMS03	76.8
Philips	11/25/2019 9:39	11/25/2019 9:19	21L	D	PC12	N7679T	NMS03	76.2
Philips	11/25/2019 9:43	11/25/2019 9:31	UNK	D	UNKN	N418BC		
Yates	11/25/2019 14:26	11/25/2019 14:26	UNK	A	UNKN	N117CH		
Anon - 3	11/25/2019 17:48	11/25/2019 17:59	21L	A	C172	N823MC		
Anon - 3	11/25/2019 21:39	11/25/2019 21:38	UNK	A	C560	N577XW	NMS01	90
Anon - 3	11/25/2019 22:42	11/25/2019 22:23	21L	T	H25B	JCM26	NMS01	68.9

Anon - 3	11/25/2019 22:45	11/25/2019 22:23	21L	T	H25B	JCM26	NMS01	68.9
Anon - 3	11/25/2019 23:03	11/25/2019 23:06	21L	A	BE20	CTE491	NMS01	88.1
Anon - 3	11/26/2019 4:39	11/26/2019 4:38	21L	A	C560	N577XW	NMS01	78.6
Gronde	11/26/2019 4:52							
Anon - 3	11/26/2019 4:53	11/26/2019 4:38	21L	A	C560	N577XW	NMS01	78.6
Philips	11/26/2019 8:53	11/26/2019 8:44	21L	D	GLF3	N500GF	NMS03	67.5
Philips	11/26/2019 8:57	11/26/2019 8:50	21L	D	PC12	N539PE	NMS03	81.1
Philips	11/26/2019 9:01	11/26/2019 8:50	21R	D	C172	N623KW		
Philips	11/26/2019 9:54	11/26/2019 9:53	21R	D	UNKN	N768A		
Doyle	11/26/2019 17:27	11/26/2019 17:19	21L	D	UNKN	N460TM	NMS03	89.7
Yates	11/26/2019 17:49	11/26/2019 17:50	UNK	A	UNKN	UNKNOWN		
Philips	11/27/2019 8:56	11/27/2019 8:53	21L	D	C560	N500FZ	NMS03	69.9
Anon - 3	11/27/2019 14:26	11/27/2019 14:32	21L	A	C56X	EJA644	NMS01	68.8
Philips	11/27/2019 17:55	11/27/2019 17:51	21L	D	GLF4	EDG84	NMS03	76
Anon - 3	11/28/2019 23:22							
Philips	11/29/2019 14:17	11/29/2019 14:17	03R	A	BE36	N217TW	NMS03	73.8
Philips	11/29/2019 19:42	11/29/2019 19:44	03R	A	SR22	N581G		
Anon - 3	11/29/2019 22:50	11/29/2019 22:46	03R	D	AC50	CTL66	NMS01	74.8
Bay	11/30/2019 1:35							
Anon - 3	11/30/2019 5:25							
Anon - 3	11/30/2019 10:29	11/30/2019 10:25	21R	D	UNKN	N885GT		
Philips	11/30/2019 11:00	11/30/2019 10:57	21L	D	CL30	N773RC	NMS03	76.8
Yates	11/30/2019 22:37	11/30/2019 22:38	21L	A	GLF4	EDG436		

Philips	11/30/2019 23:57	11/30/2019 23:53	21L	D	FA50	N791CP	NMS03	82.6
Anon - 3	11/30/2019 23:57	11/30/2019 23:53	21L	D	FA50	N791CP	NMS01	71.7

Disturbance Location Pin Map – November 2019



1-5 Complaints



6-10 Complaints



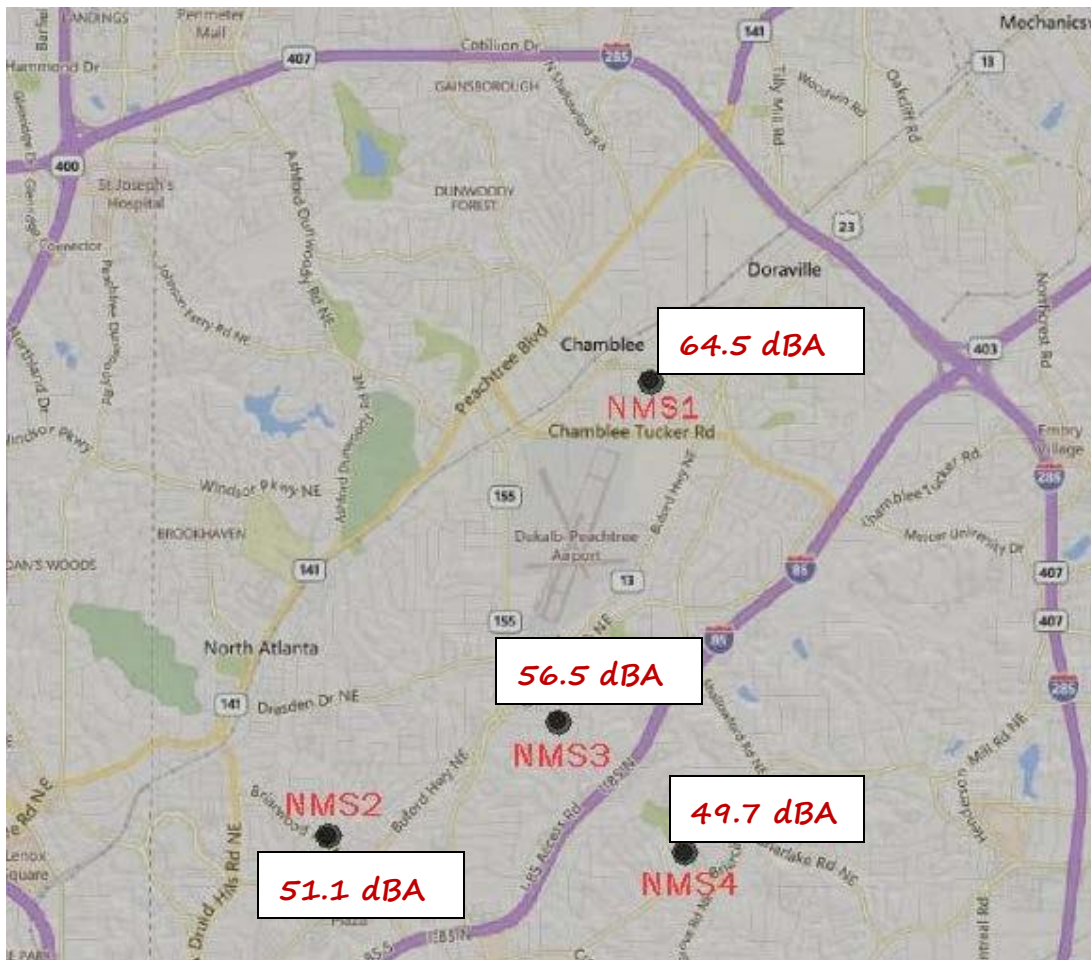
11+ Complaints

Complainants with Complaints Total

(0 Complainants outside of DeKalb County)

Monthly Noise Levels at Monitors

November 2019



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 **361 (98.9%)** of the **365** operations during the voluntary curfew period (11PM-6AM) during the month of **November 2019**. Of the **361** identified operations, **188 (52.1%)** 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, **88 one-time** operations were conducted during this period.
- Out of the *identified* operations, **273 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:

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

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

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

Complaints received from operations conducted during the voluntary curfew period:

290 complaints were received during **November 2019**.

122 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 – November 2019 N#'s (Multi-Use):

44 Aircraft with 2 Operations (**N684AE**, N405EH, **N900PS**, N100YB, **N505GJ**, N102SW, N791CP, N103AV, N390BR, **CTE816**, EJA759, N131EA, **EMD28**, N133PE, FTD509, N154JK, N7FF, N165AE, DCM6855, N16PC, N404HG, N187MR, N43TA, N1925, N469ES, N192SA, N540CB, N952RB, **N663SF**, N979AZ, N6919J, **CTL66**, FTD510, **CTE615**, N797MM, N2QU, JTL821, **SKQ43**, LXJ407, CWG996, N993SG, SIS648, N280PC, N304PC)

2 Aircraft with 3 Operations (N735XL, N200WL)

1 Aircraft with 4 Operations (**N777WY**)

2 Aircraft with 5 Operations (N2AQ, **N985CR**)

1 Aircraft with 7 Operations (N577XW)

2 Aircraft with 8 Operations (**N117CH**, **CTE491**)

1 Aircraft with 13 Operations (**N445CH**)

1 Aircraft with 36 Operations (**SKQ44**)

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

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

Last Month – October 2019 N#'s (Multi-Use):

39 Aircraft with 2 Operations (N956PP, N711WG, N63NM, DPJ384, N79410, N2QU, N228CH, N322CA, N103AV, N332AM, N757GX, CTL68, **CTL585**, EJA966, N122A, UJC24, N208PC, **EMD28**, N682GA, JTL91, **N209CM**, **N53AE**, N728PH, **N553AE**, N77WW, N55SQ, N805LC, **N56LW**, N911VU, KFS67, **N991SU**, N145TT, SDU362, N604XT, N128GA, N620MS, DCM3355, N469ES, N447MJ)

5 Aircraft with 3 Operations (N6919J, N62MV, N125SB, N404MS, N600CK)

6 Aircraft with 4 Operations (**CTE816**, PHJ56, **N508KD**, N2AQ, **N429AE**, **N445CH**)

2 Aircraft with 5 Operations (N577XW, **N684AE**)

2 Aircraft with 6 Operations (N154JK, **N895CR**)

1 Aircraft with 7 Operations (**N117CH**)

1 Aircraft with 14 Operations (**SKQ43**)

1 Aircraft with 23 Operations (**SKQ44**)

1 Aircraft with 34 Operations (**N208LS**)

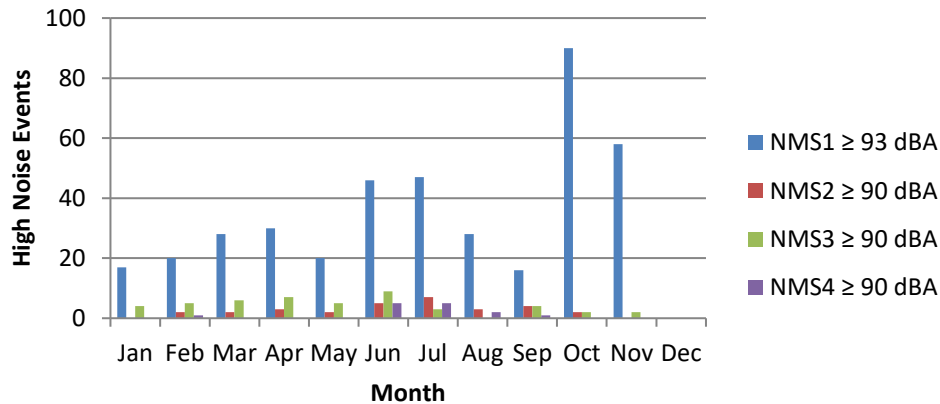
1 Aircraft with 49 Operations (**CTL67**)

A total of **123** advisory letters were sent to aircraft operators flying during the voluntary curfew period in the month of **November** 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.

High Noise Events 2019



November 2019

40 Aircraft with 1 High Noise Event (N716LD, N609MH, N119RP, N78CY, N384D, N197JS, N12QP, N696A, N418TM, N768A, N428JD, N210CM, N442MS, N187MR, N444QC, N599H, N10RU, N68FP, N14HX, N711P, N79SE, N732WB, N156RE, N77ME, N838FL, N791CP, N899, N905LC, N800WH, N499PA, N885TR, N500FZ, N8998N, N953F, N115TL, N963CH, TRL0T6T, N5000RP, JET1, N541CX)

7 Aircraft with 2 High Noise Events (N469ES, N569HA, N800EM, N342JP, N58DH, N408GJ, N480M)

2 Aircraft with 3 High Noise Events (N44HB, N500GF)

1 Aircraft Unknown

October 2019

46 Aircraft with 1 High Noise Event (N772EC, N367FX, N861P, N383KK, N6VB, N408GJ, N310, N411FJ, N990JT, N412GJ, N210CW, N423JG, N732WB, N444QC, N30WR, N469ES, N818BL, N480M, N964C, N499PA, N245MG, N500FZ, N699CT, N204HS, N691AF, N53HS, N718PM, N557QS, N750KH, N576SA, N7895Q, N579QS, N800EM, N203GT, N806GJ, N585VC, N823MC, N5897C, N884HP, N594QS, N979CM, N600JD, N228CH, N268RB, N63149, N27GA)

12 Aircraft with 2 High Noise Events (N682GA, N265CM, N800WH, N2KC, N65SL, N330WR, N791CP, N343CC, N991A, N99VS, N62MV, N581RS)

1 Aircraft with 3 High Noise Events (N500GF)

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.