

Torres Rojas, Genara

FOI #14671

From: [REDACTED]
Sent: Saturday, February 15, 2014 12:16 PM
To: Duffy, Daniel
Cc: Torres Rojas, Genara; Van Duyne, Sheree
Subject: Freedom of Information Online Request Form

Information:

First Name: Max
Last Name: Galka
Company: NA
Mailing Address 1: [REDACTED]
Mailing Address 2:
City: [REDACTED]
State: [REDACTED]
Zip Code: 10022
Email Address: [REDACTED]
Phone: [REDACTED]
Required copies of the records: Yes

List of specific record(s):

Dear Records Access Officer: This FOIL request relates to the Port Authoritys Airport Noise Programs: <http://www.panynj.gov/aboutairport-initiatives.html> The Port Authority works closely with communities and elected officials throughout the region with regard to aircraft noise and other airport issues. Pursuant to the Freedom of Information Law, I request a copy of all communication, as referred to in the above passage, since 112013 by email, fax, or post. In the cases where such communication took place at scheduled, in-person meetings, I request a list of all such meetings, including all members in attendance. Please feel free to contact me with any questions or comments regarding this request. Thank you in advance, Max Galka

THE PORT AUTHORITY OF NY & NJ

FOI Administrator

April 23, 2015

Mr. Max Galka
[REDACTED]
[REDACTED]

Re: Freedom of Information Reference No. 14671

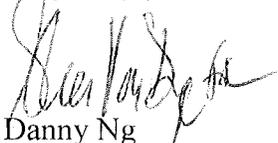
Dear Mr. Galka:

This is in response to your February 15, 2014 request, which has been processed under the Port Authority's Freedom of Information Code (the "Code", copy enclosed) for copies of records related to the Port Authority's Airport Noise Programs.

Material responsive to your request and available under the Code can be found on the Port Authority's website at <http://www.panynj.gov/corporate-information/foi/14671-O.pdf>. Paper copies of the available records are available upon request.

Please refer to the above FOI reference number in any future correspondence relating to your request.

Very truly yours,



Danny Ng
FOI Administrator

Enclosure

4 World Trade Center, 18th Floor
150 Greenwich Street
New York, NY 10006
T: 212 435 3642 F: 212 435 7555

THE PORT AUTHORITY OF NY & NJ

Brian W. Simon
Director
Government and Community Relations

May 15, 2013

Honorable Joseph Crowley (D-14)
Member of Congress
United States House of Representatives
2800 Bruckner Blvd., Suite 201
Bronx, NY 10465

Dear Congressman Crowley:

Thank you so much for providing me an opportunity to meet with Monsignor Derivan and the Advisory Board of the Monsignor Scanlan High School. I was honored to learn more about this dynamic co-educational secondary school, and discuss first-hand the challenges faculty and students face with aircraft noise within the region.

As discussed, the Port Authority (PA) will install a portable noise monitor on school grounds, so that we may track and create noise profiles for aircraft departures. The profiles measure an aircraft's compliance with Port Authority's aircraft noise limitations. The installation of the portable noise monitor will take place in late summer/early fall 2013. The timing of this roll out is dependent upon gaining the Port Authority's Board of Commissioner's approval on May 29, 2013 and initiating a new contract that provides for the replacement of the existing Airport Noise Abatement Monitoring System (ANAMS) software at and around all Port Authority airports. This new software will also provide a new web portal for noise complaint filing and management, as well as noise contour services for all airports.

As discussed in our meeting, the noise contour maps will be updated to reflect the latest and most accurate data in order to meet the parameters set forth by our regulator, the Federal Aviation Administration. Please know that we are committed to being proactively responsive to the communities that host and are adjacent to our aviation facilities. Our objective is to make community concerns regarding noise abatement one of our highest priorities.

I wanted to provide a brief overview on ANAMS. Our system has been in place at JFK, EWR, and LGA since 1989. Using noise monitors located in communities surrounding the airports, the system creates noise profiles of aircraft departures to measure an aircraft's compliance with the Port Authority's aircraft noise limitations. This information is a critical component used to address customer concerns and community issues in the areas surrounding the airports.

225 Park Avenue South, 18th Floor
New York, NY 10003
T: 212 435 6909 F: 212 435 6976
bwsimon@panynj.gov

Congressman Joseph Crowley (D-14)
May 15, 2013
Page 2

THE PORT AUTHORITY OF NY & NJ

Mr. Edward Knoesel, the Aviation Department's Environmental Services Manager, will reach out to the school, in order to identify a location on school grounds, and discuss in greater- detail the installation of the monitor.

Sincerely,

A handwritten signature in black ink, appearing to read "B.W. Simon". The signature is fluid and cursive, with the first name "B.W." and the last name "Simon" clearly distinguishable.

Brian W. Simon
Director
Government and Community Relations

C: Monsignor Derivan
Advisory Board
Ralph Tragale
Ed Knoesel

Knoesel, Edward

From: Knoesel, Edward
Sent: Friday, August 23, 2013 1:15 PM
To: 'Rebecca Sheehan'
Cc: Simon, Brian; Van Praagh, Ian; Tragale, Ralph; Yousuf, Adeel; Bock, Tom
Subject: RE: Request from Senator Avella - New ANOMS
Attachments: Noise monitor locations JFK_LGA.docx; Aircraft Noise Monitors for JFK_LGA.pptx

Rebecca,

I've attached the locations of each of the aircraft noise monitors at LGA and JFK. Under the new contract, each of these monitors will be replaced with new ones at the same locations, except for L13, which will have to be moved across the street because of a newly constructed building at the site. Please let me know if you have any other questions. Thanks.

Ed Knoesel
Manager, Environmental & Noise Programs Aviation Department Port Authority of NY & NJ
233 Park Avenue South 9th Floor
(212) 435-3747

-----Original Message-----

From: Rebecca Sheehan [<mailto:rsheehan@nysenate.gov>]
Sent: Thursday, August 22, 2013 4:04 PM
To: Knoesel, Edward
Cc: Simon, Brian; Van Praagh, Ian; Tragale, Ralph
Subject: Request from Senator Avella - New ANOMS
Importance: High

Dear Mr. Knoesel:

Senator Avella received Executive Director Foye's July 31, 2013 letter response to his inquiry regarding the Port Authority's new ANOMS and has had the opportunity to review the presentation provided.

Senator Avella would like to know the exact locations of each of the current permanent and portable Noise Monitoring Terminals (NMT) at JFK and LGA and also the planned locations for the new permanent and portable NMTs to be installed under the new ANOMS.

Sincerely,

Rebecca A. Sheehan
Legislative Counsel
Office of State Senator Tony Avella
11th Senatorial District

38-50 Bell Boulevard, Suite C
Bayside, New York 11361

PANYNJ site coordinates and Addresses:

JFK SITES (11):

J13RP LAT 40 37' 08", LON73 45' 16"

Inwood Country Club at Peppe Dr & Bayswater, Long Island, NY

J04BP LAT 40 39' 33", LON73 45' 27"

Corner of 224th St & 147th AVE, Laurelton, Queens, NY

J22RP LAT 40 35' 48" LON 73 48' 16"

(At the dead end of Almeda) Almeda Ave & Barbadoes Dr, Arverne, Queens, NY

J13LP LAT 40⁰38' 17.2" LON 73⁰ 44' 44.6"

155-21 Broad St, Queens, NY 11422

J31LP LAT 40⁰39' 26" LON 73⁰ 49' 51"

Corner of 80th St & Russell St, Queens, NY

J31RP LAT 40⁰39' 58" LON73⁰ 48' 42"

129th St & S Conduit Ave, South Qzone Park, Queens, NY

CEDAH LAT 40⁰37' 53" LON 73⁰ 43' 56"

Hanlon Dr & Peninsula Blvd, Cedarhurst, NY

ATL65 LAT 40⁰35' 20.1" LON 73⁰ 44' 14.9"

65 Plaza Blvd, Atlantic Beach, NY

FLPRK LAT 40⁰71' 52.4" LON 73⁰ 69' 67.2"

221 Floral Parkway, Floral Park, NY

ARV64 LAT 40⁰59' 59.27" LON 73⁰ 73' 09.97"

526 Beach 64th Street, Arverne, NY

ROSED LAT 40⁰39' 23.17" LON 73⁰ 45' 04.52"

147-56 231 St. Brookville, NY

LGA SITES (4):

L13 P LAT 40⁰45' 34" LON 73⁰ 49' 58"

70 39th Ave, Flushing, Queens, NY

L22 P LAT 40⁰45' 42" LON 73⁰ 53' 25"

25-38 78th St, Queens, NY

KEWHI LAT 40⁰43' 32" LON 73⁰ 49' 33"

Portable; 140-99 72nd Ave, Flushing, Queens, NY

FLUSH LAT 40⁰46' 01" LON 73⁰ 48' 07"

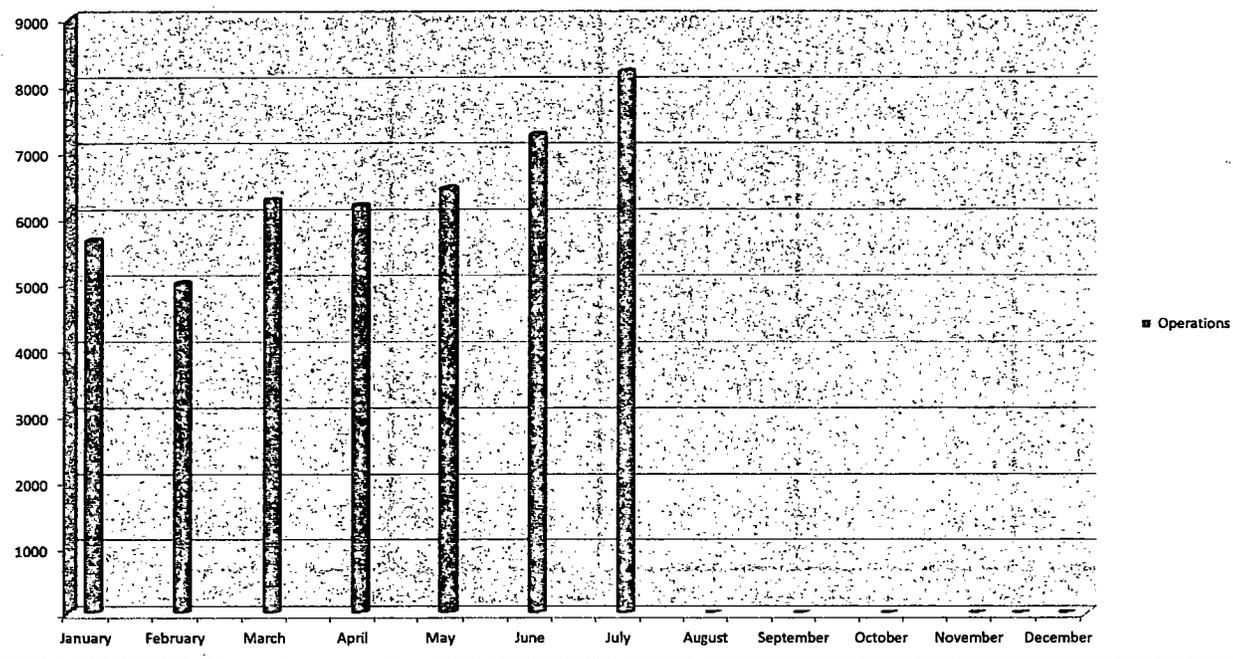
Portable- 33-27 163rd St, Queens, NY

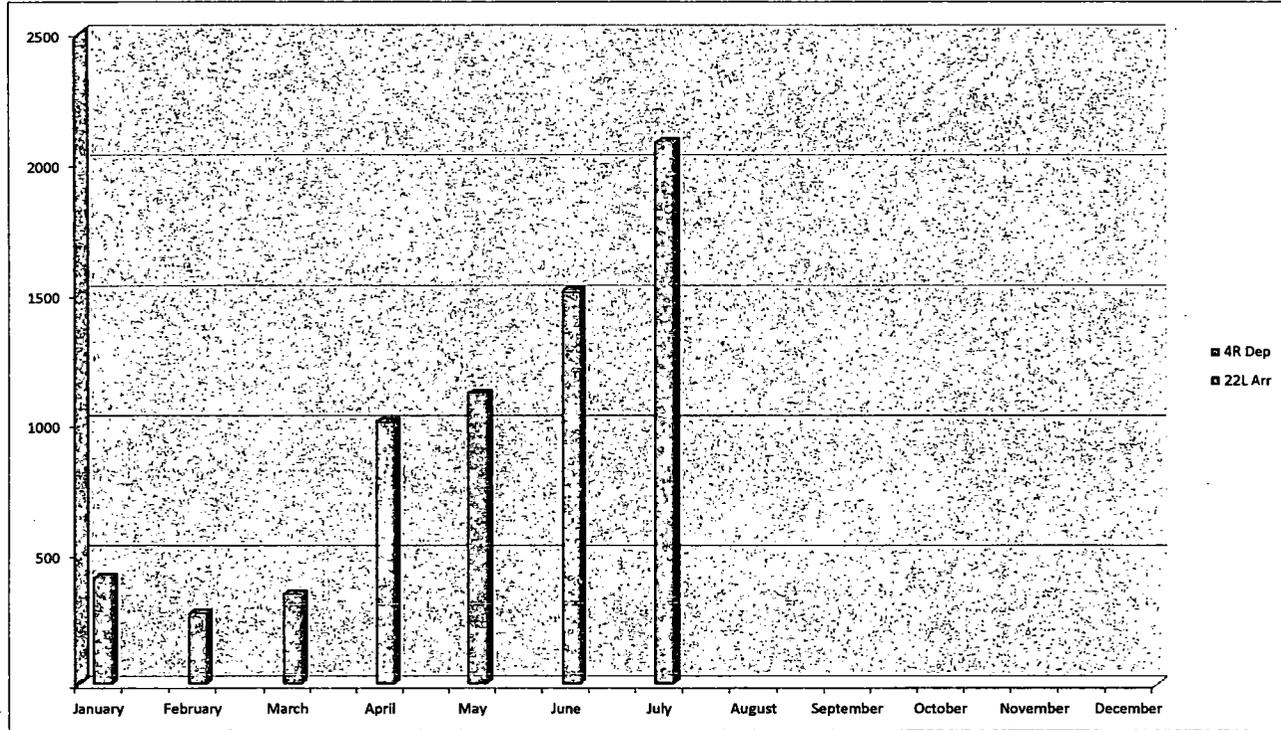
JFK Runway Utilization 2200-0700L 2013

Runways

Month	Operations	4L Arr	4L Dep	4R Arr	4R Dep	13L Arr	13L Dep	13R Arr	13R Dep	22L Arr	22L Dep	22R Arr	22R Dep	31L Arr	31L Dep	31R Arr	31R Dep	Unk Arr	Unk Dep
January	5639	75	278	376	0	147	1	12	93	409	9	65	424	380	1469	1648	10	168	75
February	4995	101	470	542		150	24	13	94	274	1	13	262	363	1196	1265	11	157	59
March	6259	149	755	750	3	71	10	8	79	345	16	24	312	555	1562	1409	25	111	75
April	6173	138	331	395	5	430	66	183	483	1004	1	185	968	250	745	749	6	197	37
May	6430	232	322	222		490	71	144	496	1118	4	108	1067	209	777	801	13	297	59
June	7235	110	442	392	5	455	60	68	403	1504	1	78	1603	370	813	566	4	281	80
July	8193	90	352	438	0	207	23	19	239	2080	4	215	2405	229	873	683	12	238	86
August																			
September																			
October																			
November																			
December																			
Overnight Annual Totals	44924	895	2950	3115	13	1950	255	447	1484	6734	36	688	7041	2356	7435	7121	81	1449	471
Runway Utilization %		1.99%	6.57%	6.93%	0.03%	4.34%	0.57%	1.00%	3.30%	14.99%	0.08%	1.53%	15.67%	5.24%	16.55%	15.85%	0.18%	3.23%	1.05%
Overnight Arr Totals	24755	3.62%		12.58%		7.88%		1.81%		27.20%		2.78%		9.52%		28.77%		5.85%	
Overnight Dep Totals	19766	14.92%		0.07%		1.29%		7.51%		0.18%		35.62%		37.62%		0.41%		2.38%	

JFK Monthly Aircraft Activity Between 2200-0700 HRS





Knoesel, Edward

From: Knoesel, Edward
Sent: Friday, November 01, 2013 12:48 PM
To: 'Susan Carroll'
Subject: Schools in Flushing

Ms. Carroll,

We looked at the schools you listed and determined that they are all outside the 65 dNL contour. The FAA would not provide funding for soundproofing those schools. Regarding monitors, it is not true that the Port Authority has definitively decided not to add more noise monitors to LGA and JFK. We continually reassess our noise monitoring program to determine if more monitors are warranted. However, at this time, we are concentrating on replacing and upgrading existing monitors with new state-of-the-art equipment.

Ed Knoesel
Manager, Environmental & Noise Programs
Aviation Department
Port Authority of NY & NJ
233 Park Avenue South 9th Floor
(212) 435-3747

-----Original Message-----

From: Susan Carroll [<mailto:susanc718@yahoo.com>]
Sent: Thursday, October 31, 2013 2:33 PM
To: Knoesel, Edward
Subject: Schools...

Mr. Knoesel,

Please confirm that you received my email the other day re: the addresses of the schools in Flushing that have not been soundproofed. And let me know if there's anything else you need from me. Thank you!

Susan Carroll

PS is it true that the Port Authority has definitively decided not to add more noise monitors to LGA and JFK? I implore you to rethink this decision... TNNIS is going strong here in Flushing today, as it did yesterday.

Airplanes are flying directly over the non-soundproofed school (PS 244) right next door to me. It is not a good situation.

Knoesel, Edward

From: Knoesel, Edward
Sent: Monday, January 27, 2014 10:15 AM
To: 'Ischaier@quietskies.net'
Cc: Tragale, Ralph; Oswald, Justin
Subject: RE: LGA Noise Contour

Len,

Sorry about the delay in responding to your email. The latest contour for LGA should be public within the next month, give or take a week or two. Regarding monitors and the INM, the consultants we've used to create contours using INM will look at monitoring data not to refine INM data, but to identify any anomalies that could require further analysis. The contours we will be creating for the Part 150 studies will be submitted to FAA for their approval. I'd be happy to discuss these issues with you.

*Ed Knoesel
Manager, Environmental and Noise Programs
Aviation Department
The Port Authority of NY and NJ
(212) 435-3747*

From: Len Schaier [<mailto:lschaier@gmail.com>]
Sent: Monday, January 27, 2014 9:30 AM
To: Knoesel, Edward
Cc: Tragale, Ralph; Oswald, Justin
Subject: Re: LGA Noise Contour

Ed,

Please let me know if you responded to the email below and, if not, when you think you might be able to.

Len

On 1/20/2014 1:48 PM, Len Schaier wrote:

Ed,

I hope you had a good holiday and good start to the new year.

The new LGA contour should be available about now so please let me know when we will get a copy and whether any additional Flushing Schools are now within the 65 DNL contours.

Also, at a number of your presentations on the noise issue, you stated that noise monitors cannot be used as part of a Part 150 study. We have researched that issue and found that Part 150 says that use of noise monitor data can be used for refinement of INM data. We have also found that many airports around the country do in fact use noise monitors for INM calibration. The EIS for the Airspace Redesign collected noise monitor data.

Lastly, I also recently read your letter posted on regulations.gov wherein you agreed with the RCTA interpretation of the CATEX language in HR 658. I am not a lawyer but no matter how I try I cannot see how one can interpret the CATEX language as requiring two new CATEX's.

It would be greatly appreciated if we could get together to discuss these issues in greater detail.

Len Schaier
quietskies.net

On 11/19/2013 11:30 AM, Knoesel, Edward wrote:

Len,
We'll be running the INM to create a new contour that will take into account all operations at LGA, including the TNNIS SID. We expect to have the new contour prepared for public review within the next two months. I'll let you know when it has been completed.
Ed K.

-----Original Message-----

From: Len Schaier [mailto:lschaier@gmail.com]
Sent: Friday, November 08, 2013 11:48 AM
To: Knoesel, Edward
Cc: Tragale, Ralph; Lavine, Greg; Susan C.
Subject: 65 DNL contours

Ed,

I have been working with the people in Flushing and in Congresswoman Meng's office regarding aircraft noise in Queens.

My understanding is that Susan Caroll of Flushing was in contact with your office regarding insulating schools in flushing and was told that the schools were not within the 65DNL contour.

I have the 2008 contour and it sure is a close call. Moreover given the effects of TNNIS it would appear that the 2008 Contour would have rotated counterclockwise sufficiently to capture at least two, if not all four, of those schools.

Did you use the 2008 contour or something newer that included the impacts of increased use of TNNIS?

If it was not the 2008 contour please send me a copy of what you used.

Thanks in advance,

Len
quietskies.net

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RECEIVED THIS E-MAIL IN ERROR, PLEASE NOTIFY THE SENDER
IMMEDIATELY,

PERMANENTLY DELETE THIS E-MAIL (ALONG WITH ANY ATTACHMENTS), AND
DESTROY ANY

PRINTOUTS.

Knoesel, Edward

From: Knoesel, Edward
Sent: Tuesday, January 21, 2014 12:39 PM
To: Yousuf, Adeel
Subject: FW: TANAAC Follow-up
Attachments: ILS6_Present.jpg; ILS6_Past.jpg; Newark-Forest Hills Memo.pdf

FYI

-----Original Message-----

From: Spann, Renee
Sent: Friday, January 17, 2014 12:39 PM
To: bonpix@verizon.net
Cc: Lawrence, Huntley; gandino@teb.com; Tragale, Ralph; Knoesel, Edward
Subject: FW: TANAAC Follow-up

Mr. & Mrs. Bongiorno,

As we have advised previously, we are unable to ascertain any reason for the increase in aircraft noise that you and your neighbors report. We have conducted further analysis of the information available to us and have verified our initial findings. Attached for your information is a copy of an analysis conducted by Mr. Andino which looks at random days before and after the 20 degree shift which you advised the FAA had instituted. As you will see from the graphs, the volume of aircraft overflying your community before and after the "shift" remains pretty consistent. We are really at a loss to explain and can only suggest that you discuss this further with the FAA. However Mr. Andino and his staff will be happy to discuss the analysis with you. Feel free to call the Noise Office at 201-393-0399 to establish a mutually agreeable time to meet.

Additionally, I understand that our new Deputy Executive Director has met with Senator Ruiz who expressed similar concerns about aircraft noise. The Senator asked that we provide you with a noise monitor. I believe Ed Knoesel from the Port Authority has been in touch with you to achieve that objective.

With regard to remediation, again we must direct you to the FAA. The FAA is responsible to establishing air traffic routes. This is not an airport function nor can we suggest routing as it is not our area of expertise. We regret that we cannot do more to assist you in this matter.

Regards,

Renee D. Spann
Manager
Teterboro Airport

-----Original Message-----

From: Bongiorno Productions [<mailto:bonpix@verizon.net>]
Sent: Thursday, January 16, 2014 10:13 PM
To: Spann, Renee
Cc: Lawrence, Huntley; gandino@teb.com
Subject: Re: TANAAC Follow-up

Dear Ms. Renee Spann-

. Happy New Year and thanks for your good wishes and TANAAC invitation/ minutes info.

We and our FHCA Air Traffic Committee community partner do plan to attend the next meeting on Weds. 1.22 at 7 pm in the TEB Conference Room at 90 Moonachie Ave.

Per your update, our community is eager to receive your report asap re: the explanation for the increase in aircraft noise/pollution we've been experiencing since November 2012 and the remediation that will occur.

Kindly confirm receipt.

Best,
-Marylou & Jerome

Marylou & Jerome Bongiorno
FHCA, Members
Community Partners - Air Traffic Committee
cell: 973.262.5488

On Dec 26, 2013, at 1:24 PM, Spann, Renee wrote:

> Mr. and Mrs. Bongiorno,
>
> Hope you are enjoying the holiday season. It have come to my
> attention that the TANAAC meeting dates I provided below are in error.
> The meetings are held quarterly on the fourth Wednesday with the next
> meeting scheduled for January 22, 2014.
>
> Regards,
> Renee D. Spann
>
>
> _____
> From: Spann, Renee
> Sent: Thursday, December 19, 2013 5:10 PM
> To: 'bonpix@verizon.net'
> Cc: Lawrence, Huntley; 'gandino@teb.com'
> Subject: Ref: TANAAC Follow-up
>
>
> Mr. and Mrs. Bongiorno,
>
> I am responding to your email of December 6 to Huntley Lawrence and
> Gabriel Andino. Attached as requested is a copy of the minutes from
> the October 23 TANAAC meeting which you attended. In order to receive
> copies of previous minutes please refer to the link on the Port
> Authority's website (included for your convenience) for Freedom of
> Information requests and follow the procedure outlined.
> <http://www.panynj.gov/corporate-information/freedom-of-information.htm>
> |
>
> As was stated by one of the committee members at the end of the
> October meeting, you are welcome to attend any future meetings of the
> TANAAC Committee. Meetings are held quarterly on the third Wednesday

> of the month at 7:00 pm in the Teterboro Airport Manager's Conference
> Room at 90 Moonachie Avenue. The next meeting will be held on January
> 15.
>
> With reference to your other requests, we are continuing to look into
> these matters and will respond to you as soon as possible.
>
> Regards and Happy Holidays,
>
> Renee D. Spann
> Teterboro Airport Manager
>
> << File: TANAAC 10 23 13.pdf >>
>
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Knoesel, Edward

From: Knoesel, Edward
Sent: Tuesday, January 21, 2014 12:39 PM
To: 'Bongiorno Productions'
Subject: RE: Noise monitors
Attachments: JFK-Site04J13LP_Innwood_NY_.JPG

Marylou,

Please see responses below.

1. Can you please send me a photo of a monitor affixed to a utility pole? *Please see attached.*
2. Does the sound monitor emit radiation? We've never monitored radiation, but the equipment we use would emit the same amount of radiation as a cell phone or laptop.
3. If this is a PANYNJ study, shouldn't you obtain city or other permissions to mount units to utility poles? We prefer to locate this portable monitor in a location other than a pole.
4. After conferring with the community, can we get 2 monitors to track the worst of the TEB and EWR aircraft noise, so the study will be comprehensive? We plan on installing one portable monitor to assess aircraft noise levels in your immediate vicinity. EWR has a monitor on the north side of the airport at on Magazine St. in Newark. Also Teterboro Airport has one of their six monitors located at Seventh Street in Carlstadt (East side of the street by cemetery)
5. Can the monitor be placed at one location for a period of time, then moved to another location for sampling? Yes, this is possible, although we think it would be best to place it in one location for one year (see #6 below).
6. How long will this entire study last? We would place the monitor for a 12-month period to get a representative sample.
7. How will you be monitoring the aircraft emissions, which are a most serious health concern? The Port Authority does not monitor air quality. Under federal regulations, that is the responsibility of the New Jersey Department of Environmental Protection
8. When will the ANOMS be accessible online? We are targeting getting the WebTrack system on line within the next few weeks, possibly sooner.

*Ed Knoesel
Manager, Environmental and Noise Programs
Aviation Department
The Port Authority of NY and NJ
(212) 435-3747*

From: Bongiorno Productions [mailto:bonpix@verizon.net]
Sent: Tuesday, January 21, 2014 11:52 AM
To: Knoesel, Edward
Subject: Re: Noise monitors

Hi, Ed-

Following up re: questions below. Please advise so we can move forward with the noise monitors asap.

Thanks and Best,
-Marylou

Marylou Tibaldo-Bongiorno
filmmaker
Bongiorno Productions
cell: 973.262.5488
www.BongiornoProductions.com

On Jan 16, 2014, at 11:31 AM, Bongiorno Productions wrote:

On Jan 16, 2014, at 11:08 AM, Knoesel, Edward wrote:

Same Bronx monitor, different angle.

Hi, Ed-

Thanks for these images.

1. Can you please send me a photo of a monitor affixed to a utility pole?
2. Does the sound monitor emit radiation?
3. If this is a PANYNJ study, shouldn't you obtain city or other permissions to mount units to utility poles?
4. After conferring with the community, can we get 2 monitors to track the worst of the TEB and EWR aircraft noise, so the study will be comprehensive?
5. Can the monitor be placed at one location for a period of time, then moved to another location for sampling?
6. How long will this entire study last?
7. How will you be monitoring the aircraft emissions, which are a most serious health concern?
8. When will the ANOMS be accessible online?

Best,
-Marylou

Marylou Tibaldo-Bongiorno
filmmaker
Bongiorno Productions
cell: 973.262.5488
www.BongiornoProductions.com

Knoesel, Edward

From: Knoesel, Edward
Sent: Wednesday, January 29, 2014 1:23 PM
To: 'Bongiorno Productions'
Subject: Sample Right of Entry Agreement
Attachments: ROE2013OCT01_MonsignorHS_MrLenCerta_Mongsinor_BRXHS_.pdf

Marylou,

Please see attached agreement. We would expect to enter into an agreement with the same terms. Can we get electricity in the location you have in mind? That is required for the monitor.

Ed Knoesel
Manager, Environmental and Noise Programs
Aviation Department
The Port Authority of NY and NJ
(212) 435-3747

From: Knoesel, Edward
Sent: Wednesday, January 29, 2014 11:48 AM
To: 'Bongiorno Productions'
Subject: RE: Noise monitors

Marylou,

We'll be in touch with you shortly to let you know when we'd like to come out for a site visit and evaluation. Regarding air monitoring, I suggest you start with this website:

<http://www.njaqinow.net/>

Ed Knoesel
Manager, Environmental and Noise Programs
Aviation Department
The Port Authority of NY and NJ
(212) 435-3747

From: Bongiorno Productions [<mailto:bonpix@verizon.net>]
Sent: Tuesday, January 28, 2014 2:32 PM
To: Knoesel, Edward
Subject: Re: Noise monitors

Hi, Ed-

The best location for the sound monitor is the utility pole in front of our 43 Tiffany Blvd. Newark address for 6 months, then moved to another location in the community for a representative sample.

NJDEP contact person for emission studies?

Please advise re: next steps.

Thanks and Best,
-Marylou

Marylou Tibaldo-Bongiomo
filmmaker
Bongiomo Productions
cell: 973.262.5488
www.BongiomoProductions.com

On Jan 21, 2014, at 12:38 PM, Knoesel, Edward wrote:

Marylou,

Please see responses below.

1. Can you please send me a photo of a monitor affixed to a utility pole? *Please see attached.*
2. Does the sound monitor emit radiation? We've never monitored radiation, but the equipment we use would emit the same amount of radiation as a cell phone or laptop.
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6. How long will this entire study last? We would place the monitor for a 12-month period to get a representative sample.
7. How will you be monitoring the aircraft emissions, which are a most serious health concern? The Port Authority does not monitor air quality. Under federal regulations, that is the responsibility of the New Jersey Department of Environmental Protection
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*Ed Knoesel
Manager, Environmental and Noise Programs
Aviation Department
The Port Authority of NY and NJ*

(212) 435-3747

From: Bongiorno Productions [<mailto:bonpix@verizon.net>]
Sent: Tuesday, January 21, 2014 11:52 AM
To: Knoesel, Edward
Subject: Re: Noise monitors

Hi, Ed-

Following up re: questions below. Please advise so we can move forward with the noise monitors asap.

Thanks and Best,
-Marylou

Marylou Tibaldo-Bongiorno
filmmaker
Bongiorno Productions
cell: 973.262.5488
www.BongiornoProductions.com

On Jan 16, 2014, at 11:31 AM, Bongiorno Productions wrote:

On Jan 16, 2014, at 11:08 AM, Knoesel, Edward wrote:

Same Bronx monitor, different angle.

Hi, Ed-

Thanks for these images.

1. Can you please send me a photo of a monitor affixed to a utility pole?
2. Does the sound monitor emit radiation?
3. If this is a PANYNJ study, shouldn't you obtain city or other permissions to mount units to utility poles?
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8. When will the ANOMS be accessible online?

Best,
-Marylou

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<JFK-Site04J13LP_Innwood_NY_.JPG>

Knoesel, Edward

From: Knoesel, Edward
Sent: Friday, January 31, 2014 2:26 PM
To: 'Bongiorno Productions'
Subject: RE: Sample Right of Entry Agreement
Attachments: NMT-Closed1.jpg

Marylou,

Attached is another picture of a monitor we recently placed at a residence in Queens. Please provide a couple of dates you'll be available and we'll set up the site visit. I'm not sure if it will be feasible to get it up on a one story shed as it weighs about 100lbs. The monitor is stand alone. If you'd like to contact Msgr. Scanlon, call Len Certa @ (718) 430-0100.

Ed Knoesel
Manager, Environmental and Noise Programs Aviation Department The Port Authority of NY and NJ
(212) 435-3747

-----Original Message-----

From: Bongiorno Productions [mailto:bonpix@verizon.net]
Sent: Thursday, January 30, 2014 5:40 PM
To: Knoesel, Edward
Subject: Re: Sample Right of Entry Agreement

Ed-

OK. We're reviewing the Agreement you sent and will let you know if we have questions.

Our address is: 43 Tiffany Blvd. Newark, NJ 07104 (for the first 6 month study) There's a one story, flat-roof shed in the backyard and an outdoor electrical outlet. What's the total weight of the unit? Is it bolted or standalone?

Is it possible for us to contact Msgr. Scanlan HS in the Bronx to inquire about their experience with the unit?

I'll be in contact when ready to move forward with possible dates for your site visit.

Thanks,
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Knoesel, Edward

From: Bongiorno Productions [bonpix@verizon.net]
Sent: Tuesday, February 18, 2014 10:31 AM
To: Knoesel, Edward
Cc: Yousuf, Adeel; Hernandez, William
Subject: Re: Site Visit

Confirmed - see you then, thanks,
-Marylou

Marylou Tibaldo-Bongiorno
filmmaker
Bongiorno Productions
cell: 973.262.5488
www.BongiornoProductions.com

On Feb 18, 2014, at 10:27 AM, Knoesel, Edward wrote:

> Marylou,
>
> Let's confirm Thursday Feb. 27 at 10:30 AM. Please let me know,
> thanks.
>
> Ed Knoesel
> Manager, Environmental and Noise Programs Aviation Department The Port
> Authority of NY and NJ
> (212) 435-3747
>
>
>
> -----Original Message-----
> From: Bongiorno Productions [mailto:bonpix@verizon.net]
> Sent: Monday, February 17, 2014 12:29 PM
> To: Knoesel, Edward
> Cc: Yousuf, Adeel; Hernandez, William
> Subject: Re: Site Visit
>
> Ed-
>
> Tues 2/25 or R 2/27 late morning or early afternoon?
>
> Thanks,
> -Marylou
>
> Marylou Tibaldo-Bongiorno
> filmmaker
> Bongiorno Productions
> cell: 973.262.5488
> www.BongiornoProductions.
>
>

> On Feb 17, 2014, at 11:56 AM, Knoesel, Edward wrote:

>
>> Marylou,
>> We're going to need to reschedule due to the weather. We've been
>> extremely busy lately. We'll come out as soon as we can - weather
>> permitting. Can you let us know some dates that you'll be available
>> next week? Thanks.
>> Ed Knoesel.

>> -----
>> Sent from my BlackBerry Wireless Handheld

>>
>>
>> ----- Original Message -----
>> From: Bongiorno Productions [mailto:bonpix@verizon.net]
>> Sent: Monday, February 17, 2014 10:56 AM
>> To: Knoesel, Edward
>> Cc: Yousuf, Adeel; Hernandez, William
>> Subject: Re: Site Visit 2/18 at 11 am

>>
>> Dear Ed-
>>
>> Confirming site visit for tomorrow 2/18 at 11 am. As mentioned,
>> backyard is snow-covered with more snow predicted. Do you need North
>> winds (when TEB and EWR planes are directly overhead) to assess noise
>> monitor placement?

>>
>> Will send revised Agreement language asap.

>>
>> Thank you,
>> -Marylou

>>
>> Marylou Tibaldo-Bongiorno
>> filmmaker
>> Bongiorno Productions
>> cell: 973.262.5488
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>>
>>
>> On Feb 14, 2014, at 10:24 AM, Bongiorno Productions wrote:

>>> Ed-
>>>
>>> Backyard is snow-covered but still fine for site visit on Tues. the
>>> 18th at 11 AM. Will get the revised language to you asap.

>>>
>>> Thanks and Best,
>>> -Marylou

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>>>
>>> On Feb 10, 2014, at 2:49 PM, Knoesel, Edward wrote:
>>>> Marylou,
>>>>
>>>> Let's set it up for Tues. the 18th at 11AM - and please do sent the
>>>> revised language back to me. Thanks.
>>>>
>>>> Ed Knoesel
>>>> Manager, Environmental and Noise Programs Aviation Department The
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>>>> (212) 435-3747

>>>>
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>>>> -----Original Message-----
>>>> From: Bongiorno Productions [mailto:bonpix@verizon.net]
>>>> Sent: Sunday, February 09, 2014 10:55 AM
>>>> To: Knoesel, Edward
>>>> Subject: Re: Sample Right of Entry Agreement

>>>>
>>>> Ed-
>>>>
>>>> Some possible dates for a site visit to our home at 43 Tiffany
>>>> Blvd., Newark, NJ 07104:
>>>> Mon. 2/17
>>>> Tues. 2/18
>>>> Fri. 2/21

>>>>
>>>> Late morning/early afternoon?
>>>>
>>>> Re: para 6 in the Sample Agreement: we need language that fully
>>>> indemnifies us if the Unit is damaged, stolen, causes any damage,
>>>> etc.
>>>> during the entire installation of the Unit on our property, not
>>>> just "Work" phase. Would you like me to send you this language?

>>>>
>>>> I left a message for Mr. Certa but haven't heard back from him;
>>>> I'll contact him again.

>>>>
>>>> Thanks,
>>>> -Marylou
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Knoesel, Edward

From: Bongiorno Productions [bonpix@verizon.net]
Sent: Thursday, February 27, 2014 9:47 AM
To: Knoesel, Edward
Subject: Re: Site Visit Today

Ed-

See you at 10:30 am today. Please ring 2nd Floor Bell at 43 Tiffany Blvd., Newark (gray and brick house). My cell is below.

Thanks,
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Marylou Tibaldo-Bongiorno
filmmaker
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cell: 973.262.5488
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>> filmmaker
>> Bongiorno Productions
>> cell: 973.262.5488
>> www.BongiornoProductions.
>>
>>

>> On Feb 17, 2014, at 11:56 AM, Knoesel, Edward wrote:
>>

>>> Marylou,
>>> We're going to need to reschedule due to the weather. We've been
>>> extremely busy lately. We'll come out as soon as we can - weather
>>> permitting. Can you let us know some dates that you'll be available
>>> next week? Thanks.
>>> Ed Knoesel.

>>> -----
>>> Sent from my BlackBerry Wireless Handheld
>>>

>>> ----- Original Message -----
>>> From: Bongiorno Productions [mailto:bonpix@verizon.net]
>>> Sent: Monday, February 17, 2014 10:56 AM
>>> To: Knoesel, Edward
>>> Cc: Yousuf, Adeel; Hernandez, William
>>> Subject: Re: Site Visit 2/18 at 11 am
>>>

>>> Dear Ed-
>>>
>>> Confirming site visit for tomorrow 2/18 at 11 am. As mentioned,
>>> backyard is snow-covered with more snow predicted. Do you need
>>> North winds (when TEB and EWR planes are directly overhead) to
>>> assess noise monitor placement?
>>>

>>> Will send revised Agreement language asap.
>>>

>>> Thank you,
>>> -Marylou
>>>

>>> Marylou Tibaldo-Bongiorno
>>> filmmaker
>>> Bongiorno Productions
>>> cell: 973.262.5488
>>> www.BongiornoProductions.com
>>>

>>>
>>> On Feb 14, 2014, at 10:24 AM, Bongiorno Productions wrote:
>>>> Ed-
>>>>
>>>> Backyard is snow-covered but still fine for site visit on Tues. the
>>>> 18th at 11 AM. Will get the revised language to you asap.
>>>>
>>>> Thanks and Best,
>>>> -Marylou
>>>>
>>>> Marylou Tibaldo-Bongiorno
>>>> filmmaker
>>>> Bongiorno Productions
>>>> cell: 973.262.5488
>>>> www.BongiornoProductions.com
>>>>
>>>>
>>>> On Feb 10, 2014, at 2:49 PM, Knoesel, Edward wrote:
>>>>> Marylou,
>>>>>
>>>>> Let's set it up for Tues. the 18th at 11AM - and please do sent
>>>>> the revised language back to me. Thanks.
>>>>>
>>>>> Ed Knoesel
>>>>> Manager, Environmental and Noise Programs Aviation Department The
>>>>> Port Authority of NY and NJ
>>>>> (212) 435-3747
>>>>>
>>>>>
>>>>>
>>>>>
>>>>> -----Original Message-----
>>>>> From: Bongiorno Productions [mailto:bonpix@verizon.net]
>>>>> Sent: Sunday, February 09, 2014 10:55 AM
>>>>> To: Knoesel, Edward
>>>>> Subject: Re: Sample Right of Entry Agreement
>>>>>
>>>>> Ed-
>>>>>
>>>>> Some possible dates for a site visit to our home at 43 Tiffany
>>>>> Blvd., Newark, NJ 07104:
>>>>> Mon. 2/17
>>>>> Tues. 2/18
>>>>> Fri. 2/21
>>>>>
>>>>> Late morning/early afternoon?
>>>>>
>>>>> Re: para 6 in the Sample Agreement: we need language that fully
>>>>> indemnifies us if the Unit is damaged, stolen, causes any damage,
>>>>> etc.
>>>>> during the entire installation of the Unit on our property, not
>>>>> just "Work" phase. Would you like me to send you this language?
>>>>>

>>>>> I left a message for Mr. Certa but haven't heard back from him;
>>>>> I'll contact him again.

>>>>>

>>>>> Thanks,
>>>>> -Marylou

>>>>>

>>>>> Marylou Tibaldo-Bongiorno
>>>>> filmmaker
>>>>> Bongiorno Productions
>>>>> cell: 973.262.5488
>>>>> www.BongiornoProductions.com

>>>>>

>>>>>

>>>>> On Jan 31, 2014, at 2:26 PM, Knoesel, Edward wrote:

>>>>>> Marylou,

>>>>>>

>>>>>> Attached is another picture of a monitor we recently placed at a
>>>>>> residence in Queens. Please provide a couple of dates you'll be
>>>>>> available and we'll set up the site visit. I'm not sure if it
>>>>>> will be feasible to get it up on a one story shed as it weighs
>>>>>> about 100lbs.

>>>>>> The monitor is stand alone. If you'd like to contact Msgr.

>>>>>> Scanlon, call Len Certa @ (718) 430-0100.

>>>>>>

>>>>>> Ed Knoesel

>>>>>> Manager, Environmental and Noise Programs Aviation Department The

>>>>>> Port Authority of NY and NJ

>>>>>> (212) 435-3747

>>>>>>

>>>>>>

>>>>>>

>>>>>> -----Original Message-----

>>>>>> From: Bongiorno Productions [mailto:bonpix@verizon.net]

>>>>>> Sent: Thursday, January 30, 2014 5:40 PM

>>>>>> To: Knoesel, Edward

>>>>>> Subject: Re: Sample Right of Entry Agreement

>>>>>>

>>>>>> Ed-

>>>>>>

>>>>>> OK. We're reviewing the Agreement you sent and will let you know
>>>>>> if we have questions.

>>>>>>

>>>>>> Our address is: 43 Tiffany Blvd. Newark, NJ 07104 (for the first

>>>>>> 6 month study) There's a one story, flat-roof shed in the

>>>>>> backyard and an outdoor electrical outlet. What's the total

>>>>>> weight of the unit?

>>>>>> Is it bolted or standalone?

>>>>>>

>>>>>> Is it possible for us to contact Msgr. Scanlan HS in the Bronx to

>>>>>> inquire about their experience with the unit?

>>>>>>

>>>>>> I'll be in contact when ready to move forward with possible dates

>>>>>> for your site visit.

>>>>>

>>>>> Thanks,
>>>>> -Marylou

>>>>>

>>>>> Marylou Tibaldo-Bongiorno
>>>>> filmmaker
>>>>> Bongiorno Productions
>>>>> cell: 973.262.5488
>>>>> www.BongiornoProductions.com

>>>>>

>>>>>

>>>>>

>>>>> On Jan 30, 2014, at 5:26 PM, Knoesel, Edward wrote:

>>>>>> Marylou,

>>>>>>

>>>>>> As we discussed, a utility pole is the best location for a
>>>>>> permanent monitor, and is not appropriate site for a portable
>>>>>> monitor. We'd like to work with you on identifying a suitable
>>>>>> site in your neighborhood.

>>>>>>

>>>>>> Ed Knoesel
>>>>>> Manager, Environmental and Noise Programs Aviation Department
>>>>>> The Port Authority of NY and NJ
>>>>>> (212) 435-3747

>>>>>>

>>>>>>

>>>>>>

>>>>>>

>>>>>>

>>>>>>

>>>>>> -----Original Message-----

>>>>>> From: Bongiorno Productions [mailto:bonpix@verizon.net]

>>>>>> Sent: Thursday, January 30, 2014 1:45 PM

>>>>>> To: Knoesel, Edward

>>>>>> Subject: Re: Sample Right of Entry Agreement

>>>>>>

>>>>>> Ed-

>>>>>>

>>>>>> We still feel the utility pole is the best location for the
>>>>>> noise monitor and understand these are common. Can I speak to
>>>>>> someone directly about this request?

>>>>>>

>>>>>> Please advise.

>>>>>>

>>>>>> Thanks,
>>>>>> -Marylou

>>>>>>

>>>>>> Marylou Tibaldo-Bongiorno
>>>>>> filmmaker
>>>>>> Bongiorno Productions
>>>>>> cell: 973.262.5488
>>>>>> www.BongiornoProductions.com

>>>>>>

>>>>>>
>>>>>> On Jan 29, 2014, at 1:22 PM, Knoesel, Edward wrote:
>>>>>>
>>>>>> Marylou,
>>>>>>
>>>>>> Please see attached agreement. We would expect to enter into
>>>>>> an agreement with the same terms. Can we get electricity in the
>>>>>> location you have in mind? That is required for the monitor.
>>>>>>
>>>>>> Ed Knoesel
>>>>>> Manager, Environmental and Noise Programs Aviation Department
>>>>>> The Port Authority of NY and NJ
>>>>>> (212) 435-3747
>>>>>>
>>>>>>
>>>>>>
>>>>>>
>>>>>> From: Knoesel, Edward
>>>>>> Sent: Wednesday, January 29, 2014 11:48 AM
>>>>>> To: 'Bongiorno Productions'
>>>>>> Subject: RE: Noise monitors
>>>>>>
>>>>>> Marylou,
>>>>>>
>>>>>> We'll be in touch with you shortly to let you know when we'd
>>>>>> like to come out for a site visit and evaluation. Regarding
>>>>>> air monitoring, I suggest you start with this website:
>>>>>>
>>>>>> <http://www.njaqinow.net/>
>>>>>>
>>>>>> Ed Knoesel
>>>>>> Manager, Environmental and Noise Programs Aviation Department
>>>>>> The Port Authority of NY and NJ
>>>>>> (212) 435-3747
>>>>>>
>>>>>>
>>>>>> From: Bongiorno Productions [mailto:bonpix@verizon.net]
>>>>>> Sent: Tuesday, January 28, 2014 2:32 PM
>>>>>> To: Knoesel, Edward
>>>>>> Subject: Re: Noise monitors
>>>>>>
>>>>>> Hi, Ed-
>>>>>>
>>>>>> The best location for the sound monitor is the utility pole in
>>>>>> front of our 43 Tiffany Blvd. Newark address for 6 months, then
>>>>>> moved to another location in the community for a representative
>>>>>> sample.
>>>>>>
>>>>>> NJDEP contact person for emission studies?
>>>>>>
>>>>>> Please advise re: next steps.
>>>>>>

>>>>>>> Thanks and Best,
>>>>>>> -Marylou
>>>>>>>
>>>>>>> Marylou Tibaldo-Bongiorno
>>>>>>> filmmaker
>>>>>>> Bongiorno Productions
>>>>>>> cell: 973.262.5488
>>>>>>> www.BongiornoProductions.com
>>>>>>>
>>>>>>>

>>>>>>> On Jan 21, 2014, at 12:38 PM, Knoesel, Edward wrote:
>>>>>>>
>>>>>>>

>>>>>>> Marylou,
>>>>>>>
>>>>>>> Please see responses below.
>>>>>>>
>>>>>>>

>>>>>>> 1. Can you please send me a photo of a monitor affixed to a
>>>>>>> utility pole? Please see attached.
>>>>>>>

>>>>>>> 2. Does the sound monitor emit radiation? We've never
>>>>>>> monitored radiation, but the equipment we use would emit the
>>>>>>> same amount of radiation as a cell phone or laptop.
>>>>>>>

>>>>>>> 3. If this is a PANYNJ study, shouldn't you obtain city or
>>>>>>> other permissions to mount units to utility poles? We prefer to
>>>>>>> locate this portable monitor in a location other than a pole.
>>>>>>>

>>>>>>> 4. After conferring with the community, can we get 2 monitors
>>>>>>> to track the worst of the TEB and EWR aircraft noise, so the
>>>>>>> study will be comprehensive? We plan on installing one
>>>>>>> portable monitor to assess aircraft noise levels in your
>>>>>>> immediate vicinity. EWR has a monitor on the north side of the
>>>>>>> airport at on Magazine St. in Newark.

>>>>>>> Also Teterboro Airport has one of their six monitors located at
>>>>>>> Seventh Street in Carlstadt (East side of the street by
>>>>>>> cemetery)
>>>>>>>

>>>>>>> 5. Can the monitor be placed at one location for a period of
>>>>>>> time, then moved to another location for sampling? Yes, this
>>>>>>> is possible, although we think it would be best to place it in
>>>>>>> one location for one year (see #6 below).
>>>>>>>

>>>>>>> 6. How long will this entire study last? We would place the
>>>>>>> monitor for a 12-month period to get a representative sample.
>>>>>>>

>>>>>>> 7. How will you be monitoring the aircraft emissions, which
>>>>>>> are a most serious health concern? The Port Authority does not
>>>>>>> monitor air quality. Under federal regulations, that is the
>>>>>>> responsibility of the New Jersey Department of Environmental
>>>>>>> Protection
>>>>>>>

>>>>>>> 8. When will the ANOMS be accessible online? We are targeting
>>>>>>> getting the WebTrack system on line within the next few weeks,
>>>>>>> possibly sooner.

>>>>>>>
>>>>>>>

>>>>>>> Ed Knoesel
>>>>>>> Manager, Environmental and Noise Programs Aviation Department
>>>>>>> The Port Authority of NY and NJ
>>>>>>> (212) 435-3747

>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>

>>>>>>> From: Bongiorno Productions [mailto:bonpix@verizon.net]
>>>>>>> Sent: Tuesday, January 21, 2014 11:52 AM
>>>>>>> To: Knoesel, Edward
>>>>>>> Subject: Re: Noise monitors

>>>>>>>

>>>>>>> Hi, Ed-

>>>>>>>

>>>>>>> Following up re: questions below. Please advise so we can move
>>>>>>> forward with the noise monitors asap.

>>>>>>>

>>>>>>> Thanks and Best,
>>>>>>> -Marylou

>>>>>>>

>>>>>>> Marylou Tibaldo-Bongiorno
>>>>>>> filmmaker
>>>>>>> Bongiorno Productions
>>>>>>> cell: 973.262.5488
>>>>>>> www.BongiornoProductions.com

>>>>>>>

>>>>>>> On Jan 16, 2014, at 11:31 AM, Bongiorno Productions wrote:

>>>>>>>

>>>>>>>

>>>>>>> On Jan 16, 2014, at 11:08 AM, Knoesel, Edward wrote:

>>>>>>>

>>>>>>> Same Bronx monitor, different angle.

>>>>>>>

>>>>>>> Hi, Ed-

>>>>>>>

>>>>>>> Thanks for these images.

>>>>>>>

>>>>>>> 1. Can you please send me a photo of a monitor affixed to a
>>>>>>> utility pole?

>>>>>>> 2. Does the sound monitor emit radiation?

>>>>>>> 3. If this is a PANYNJ study, shouldn't you obtain city or
>>>>>>> other permissions to mount units to utility poles?

>>>>>>> 4. After conferring with the community, can we get 2 monitors
>>>>>>> to track the worst of the TEB and EWR aircraft noise, so the
>>>>>>> study will be comprehensive?

>>>>>>> 5. Can the monitor be placed at one location for a period of
>>>>>>> time, then moved to another location for sampling?

>>>>>>> 6. How long will this entire study last?
>>>>>>> 7. How will you be monitoring the aircraft emissions, which
>>>>>>> are a most serious health concern?
>>>>>>> 8. When will the ANOMS be accessible online?
>>>>>>>
>>>>>>> Best,
>>>>>>> -Marylou
>>>>>>>
>>>>>>> Marylou Tibaldo-Bongiorno
>>>>>>> filmmaker
>>>>>>> Bongiorno Productions
>>>>>>> cell: 973.262.5488
>>>>>>> www.BongiornoProductions.com
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>> NOTICE: THIS E-MAIL AND ANY ATTACHMENTS CONTAIN INFORMATION
>>>>>>> FROM THE PORT
>>>>>>>
>>>>>>> AUTHORITY OF NEW YORK AND NEW JERSEY AND AFFILIATES. IF YOU
>>>>>>> BELIEVE YOU HAVE
>>>>>>>
>>>>>>> RECEIVED THIS E-MAIL IN ERROR, PLEASE NOTIFY THE SENDER
>>>>>>> IMMEDIATELY,
>>>>>>>
>>>>>>> PERMANENTLY DELETE THIS E-MAIL (ALONG WITH ANY ATTACHMENTS),
>>>>>>> AND DESTROY ANY
>>>>>>>
>>>>>>> PRINTOUTS.
>>>>>>> <JFK-Site04J13LP_Innwood_NY_.JPG>

The Port Authority of New York and New Jersey Noise Program

Presentation to Juniper Park Civic Association

December 12, 2013

Tonight's Agenda

- **The Context**
 - Highlighting the distinct role of the Port Authority and the role of the FAA
 - FAA-defined Flight Paths and Noise Contours
- **PA Noise Management Program**
 - School Soundproofing
 - Monitoring and Complaint System
- **Part 150**

Defining Roles

Port Authority Role

The Port Authority is responsible for **maintaining** the following at its airports:

- Runways
- Taxiways
- Roadways
- Parking Lots
- Noise Monitoring Program

FAA Role

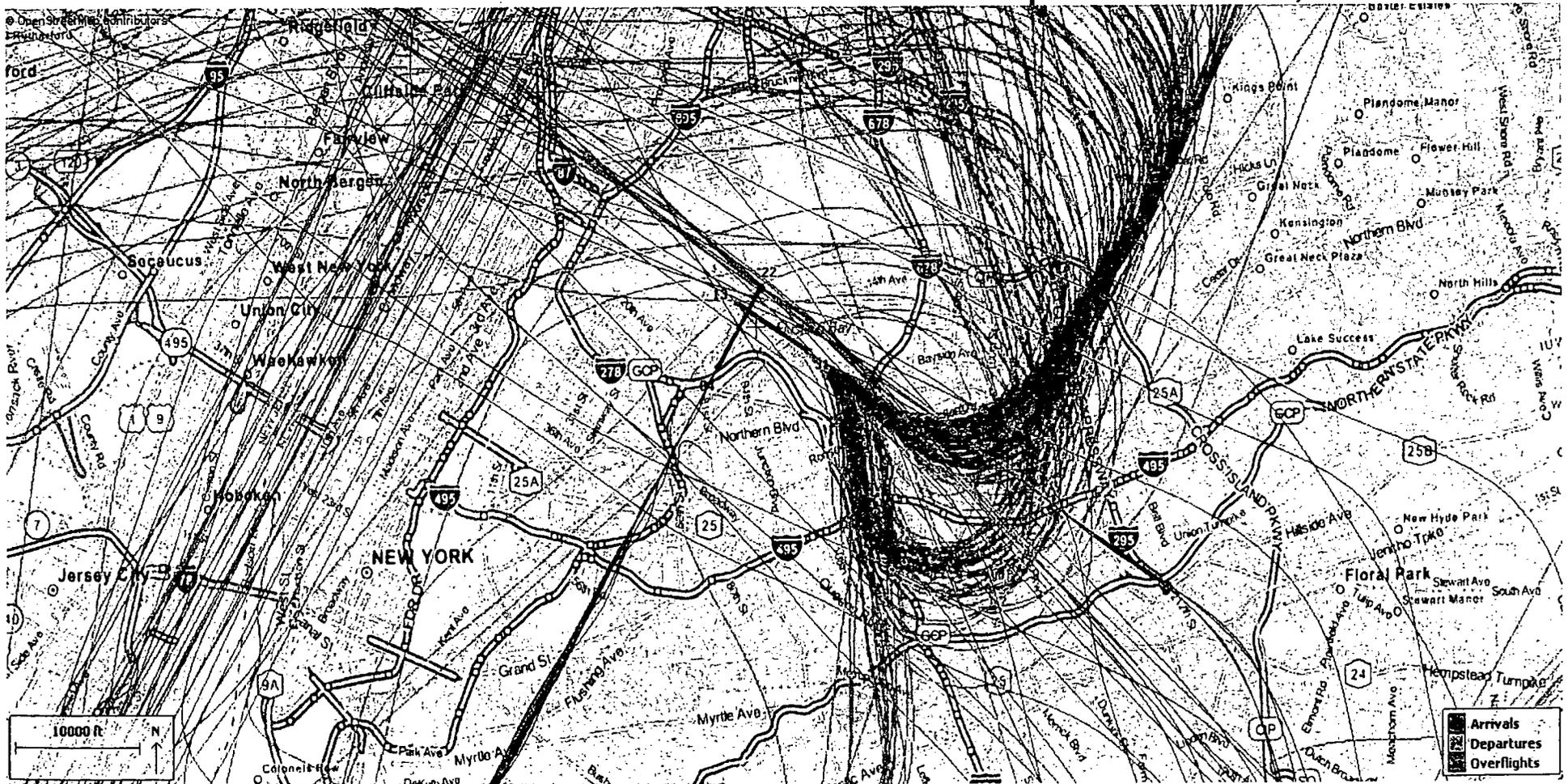
The FAA ensures the safe navigation of aircraft, and is thus the decision-maker on:

- Airspace
- Flight Paths
- Runway Utilization
- Departures/Arrivals per Hour (slots)

FAA-Defined Flight Paths

The Federal Aviation Administration (FAA) determines airplane flight paths.

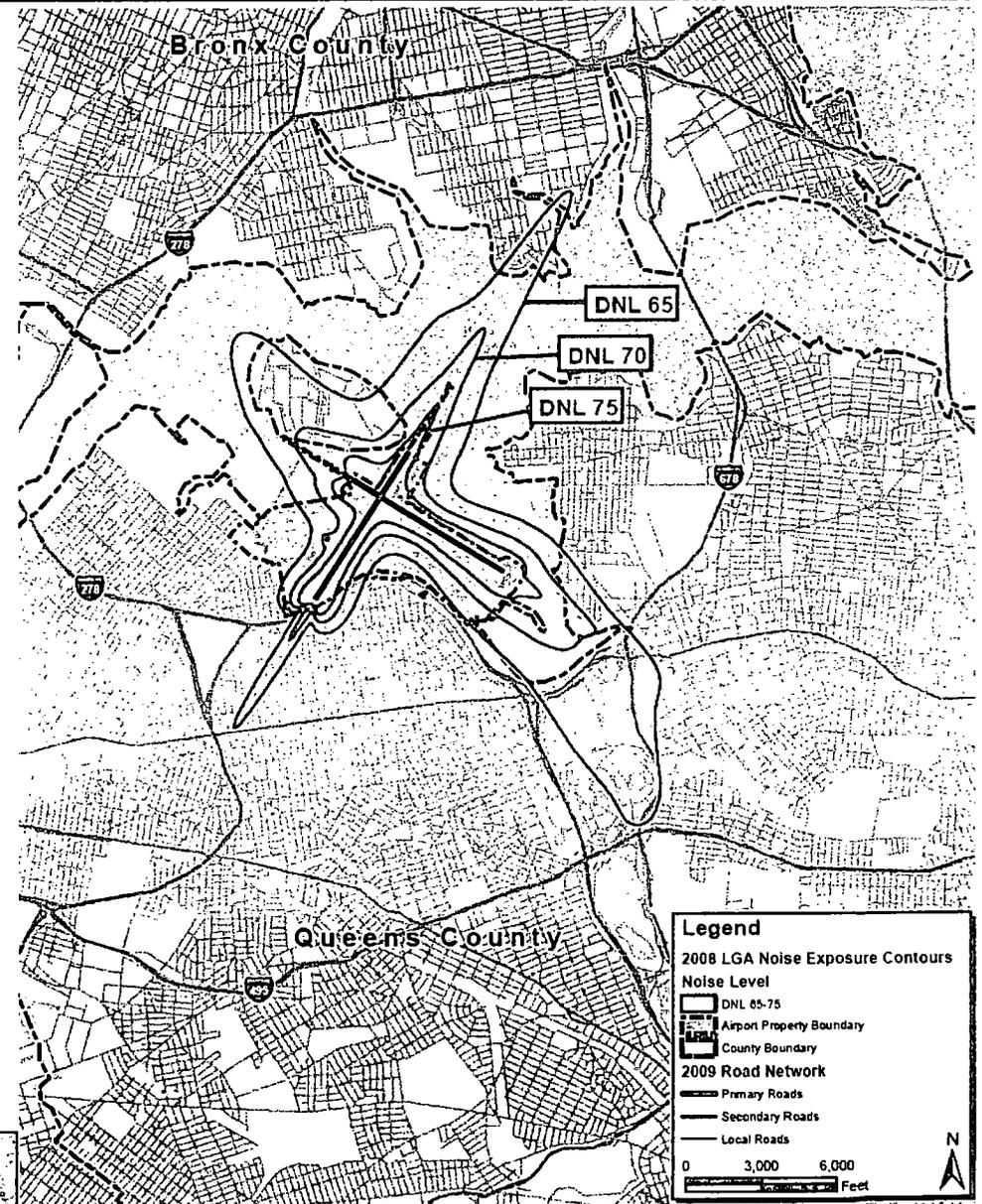
Snapshot of Nov. 10, 9 AM – 1PM



FAA-Defined Noise Contours

The 65 DNL Threshold:

- FAA's metric for aviation noise analysis
- Determined in terms of the “day-night average sound level” (DNL) in decibels (dB)
- 65 DNL is the threshold for significant aircraft noise exposure



School Soundproofing

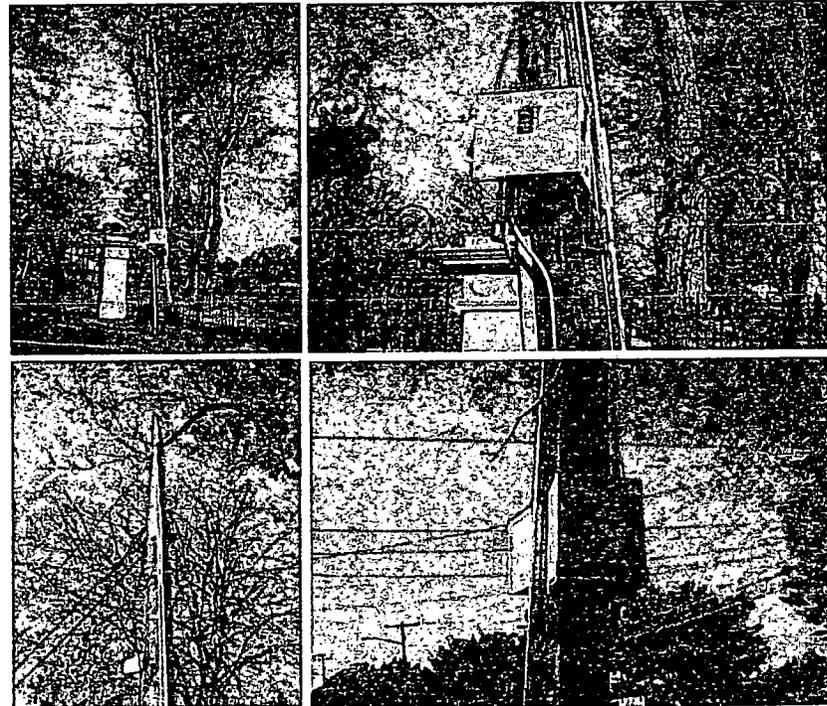
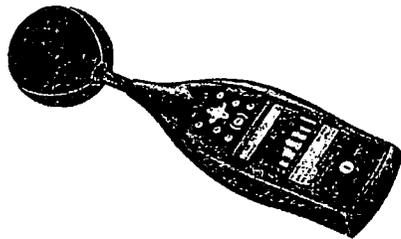
Since 1983, the PA, partnering with the FAA, has provided 77 schools in New York and New Jersey with funding for soundproofing measures:

PS 62	\$37,812	IS 198Q	\$16,144,318	Cedarhurst No. 5	\$288,113	East Newark	\$849,521
PS 52	\$2,185,603	Tapeinu	\$656,612	IS 180Q	\$22,428,900	Sacred Heart	\$2,175
St. Ann's	\$747,105	Joachim	\$2,451,837	St. Rose Lima	\$2,200,000	East Side	\$915,924
PS 146B	\$9,932,882	St. Clare	\$2,115,681	Lawrence No. 4	\$964,746	Holy Cross	\$2,762,056
St. Michael's	\$5,503,981	Beach Channel	\$2,075,291	PS 181	\$306,325	St. Ann's	\$798,000
Msgr. McClancy	\$9,376,511	Lawrence No. 2	\$2,670,419	PS 183	\$995,000	St. Pat Elementary	\$599,442
St. Sebastian	\$1,926,483	PS 146 Q	\$8,232,585	PS 104	\$905,129	St. Pat HS	\$790,644
St. Pius V	\$738,207	St. Pius X	\$2,751,044	Harrison	\$1,141,894	John Marshall	\$695,000
Lexington School	\$3,500,811	Lawrence No. 2	\$2,670,419	St. Stephen	\$7,378,604	St. Benedict	\$539,966
PS 5	\$8,391,276	PS 146 Q	\$8,232,585	Franklin	\$852,752	Peter & Paul	\$360,000
John Bowne HS	\$29,769,140	PS 195	\$6,179,821	St. Cecilia	\$2,348,694	Wilson Avenue	\$641,448
Sam Gompers HS	\$24,930,033	Hebrew Academy	\$2,983,810	Moore	\$2,585,769	Hawkins	\$1,269,931
St. Anselm	\$7,504,694	PS 38	\$485,654	Lawrence No. 2	\$2,670,419	Franklin No. 3	\$628,330
St. Athanasius	\$5,923,443	PS 13	\$1,127,463	PS 146 Q	\$8,232,585	Memorial	\$2,494,942
Our Lady of Fatima	\$936,000	Our Lady of Grace	\$1,245,145	PS 195	\$6,179,821	Bergen	\$3,701,226
PS 143	\$970,740	PS 42	\$1,667,385	McKinley	\$11,590,430	Jackson	\$7,966,371
PS 165	\$925,000	Yeshiva Darcei	\$1,572,093	St. Casimir	\$3,342,120	St. Francis	\$3,809,093
PS 120	\$908,781	PS 138	\$48,989	Grover Cleveland	\$5,028,099	Sylvan School	\$381,083
PS 219	\$1,325,423	Lawrence	\$1,001,347			Kearny HS	\$1,979,522
PS 161	\$1,473,679					Vaughn College	\$4,838,338
						Becton HS	\$1,410,667

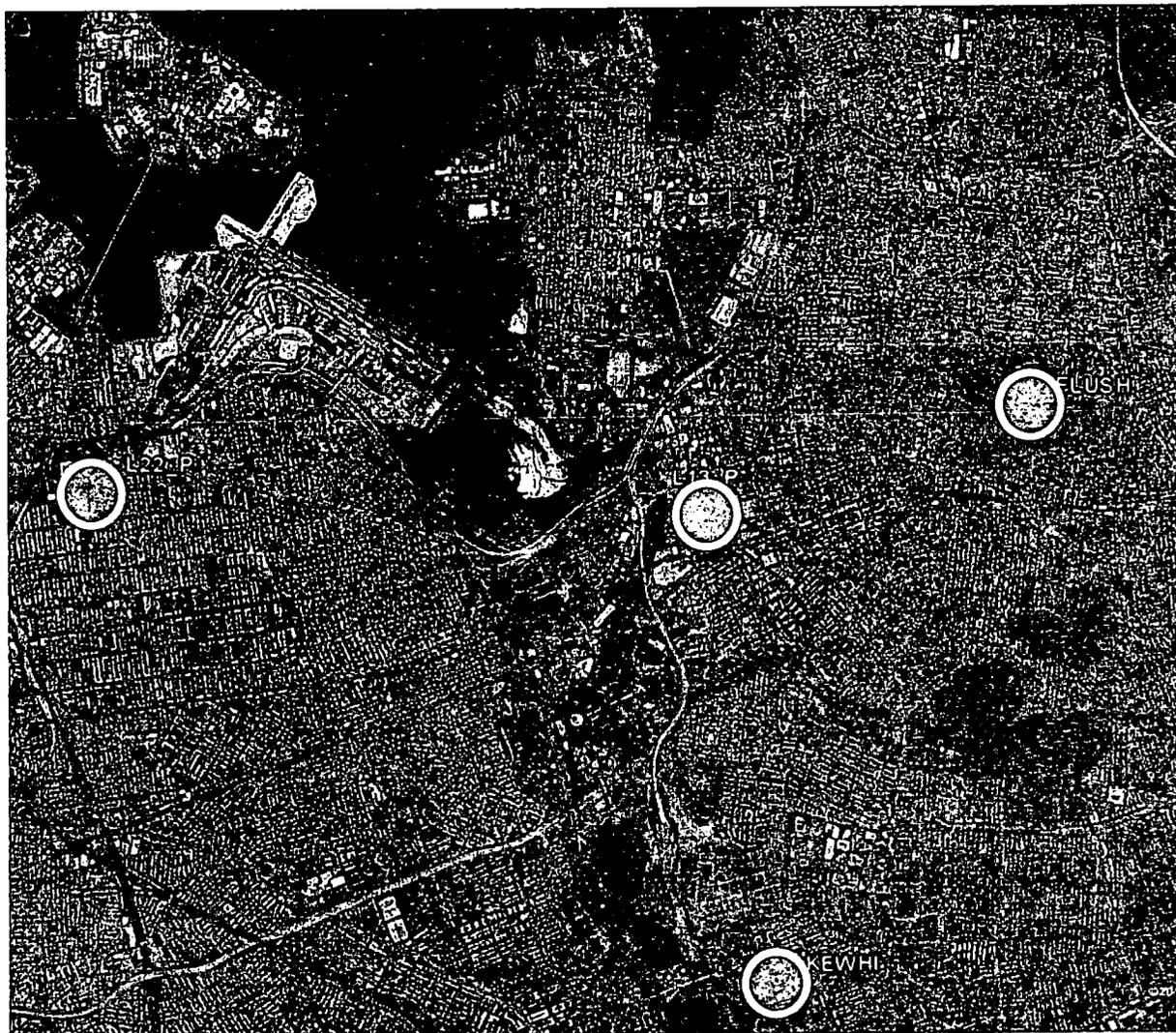
Port Authority Noise Monitoring

How We Monitor Noise at LGA:

- Permanent Monitors
- Portable Monitors



Port Authority Noise Monitoring



Port Authority Noise Monitoring

Logging a Noise Complaint

- Via Phone (Toll Free): **800-225-1071**

- Via Online:

<http://www.planenoise.com/panynj/daPRAbr9>

And launching in January 2014...

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Noise Compatibility Study – Part 150



Excerpt from Message No. 248:

"I recognize that aircraft noise has been a concern for residents of Queens County and Nassau County. Therefore, rather than wait for New Jersey to enact companion legislation that would require Part 150 studies at all Port Authority airports, I am vetoing this bill but directing the Port Authority to conduct noise studies that meet the requirements of Part 150 for LaGuardia and JFK airports and to establish a community roundtable for airport noise and related issues in collaboration with the Federal Aviation Administration and other stakeholders."

(signed) ANDREW M. CUOMO

Noise Compatibility Study – Part 150

What is Part 150?

FAR Part 150 – Airport Noise Compatibility Planning

- A Part 150 study is a process
- Part 150 submissions have two formal elements:
 1. Noise Exposure Map (NEM)
 2. Noise Compatibility Program (NCP)
- Public involvement is equally important
- FAA accepts NEMs and approves NCP measures

Thank You!



THE PORT AUTHORITY OF NY & NJ

The Port Authority of New York and New Jersey

Presentation to NYC Council District 25

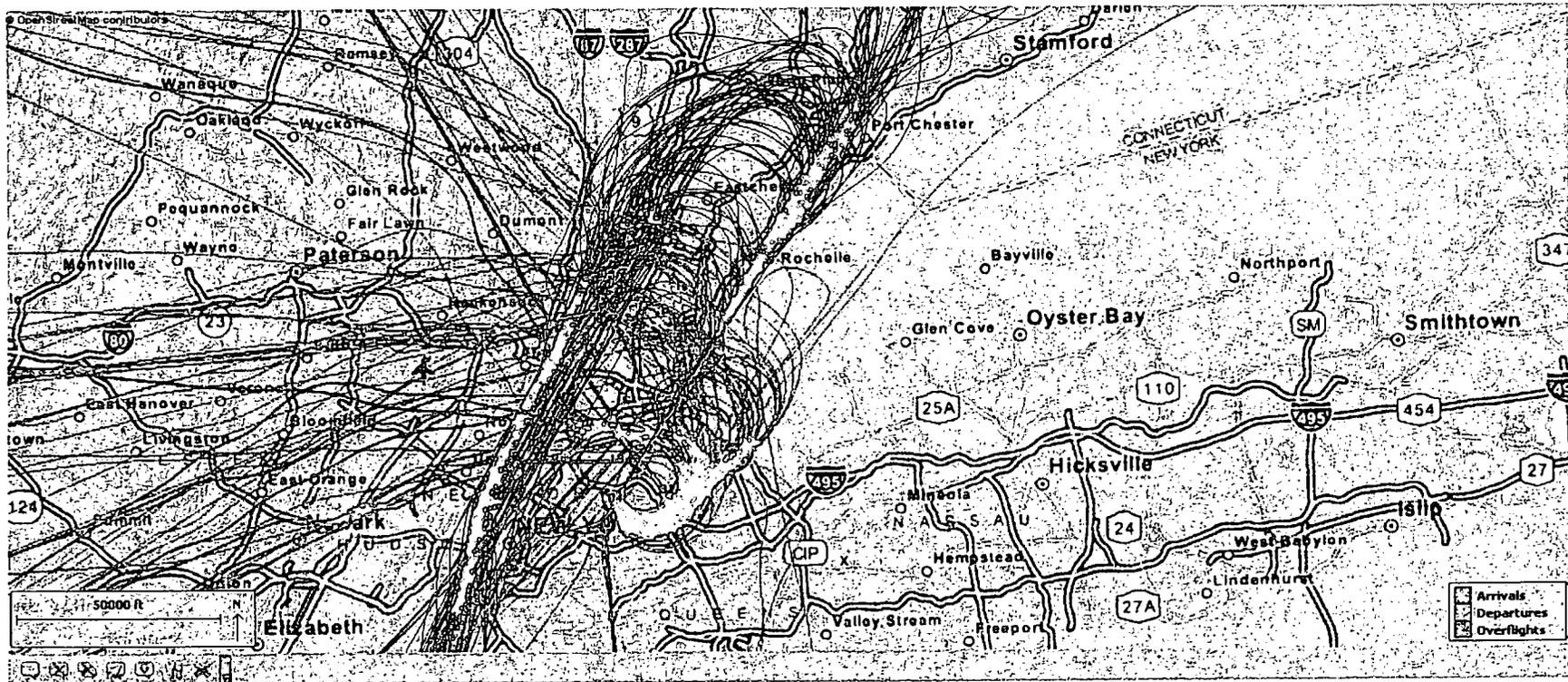
November 25, 2013

Tonight's Agenda

- **The Context:** FAA-defined Flight Paths and Noise Contours
- **PA Noise Program:** Monitors, Soundproofing and Complaint System
- **Brief Description of Part 150**

FAA-Defined Flight Paths

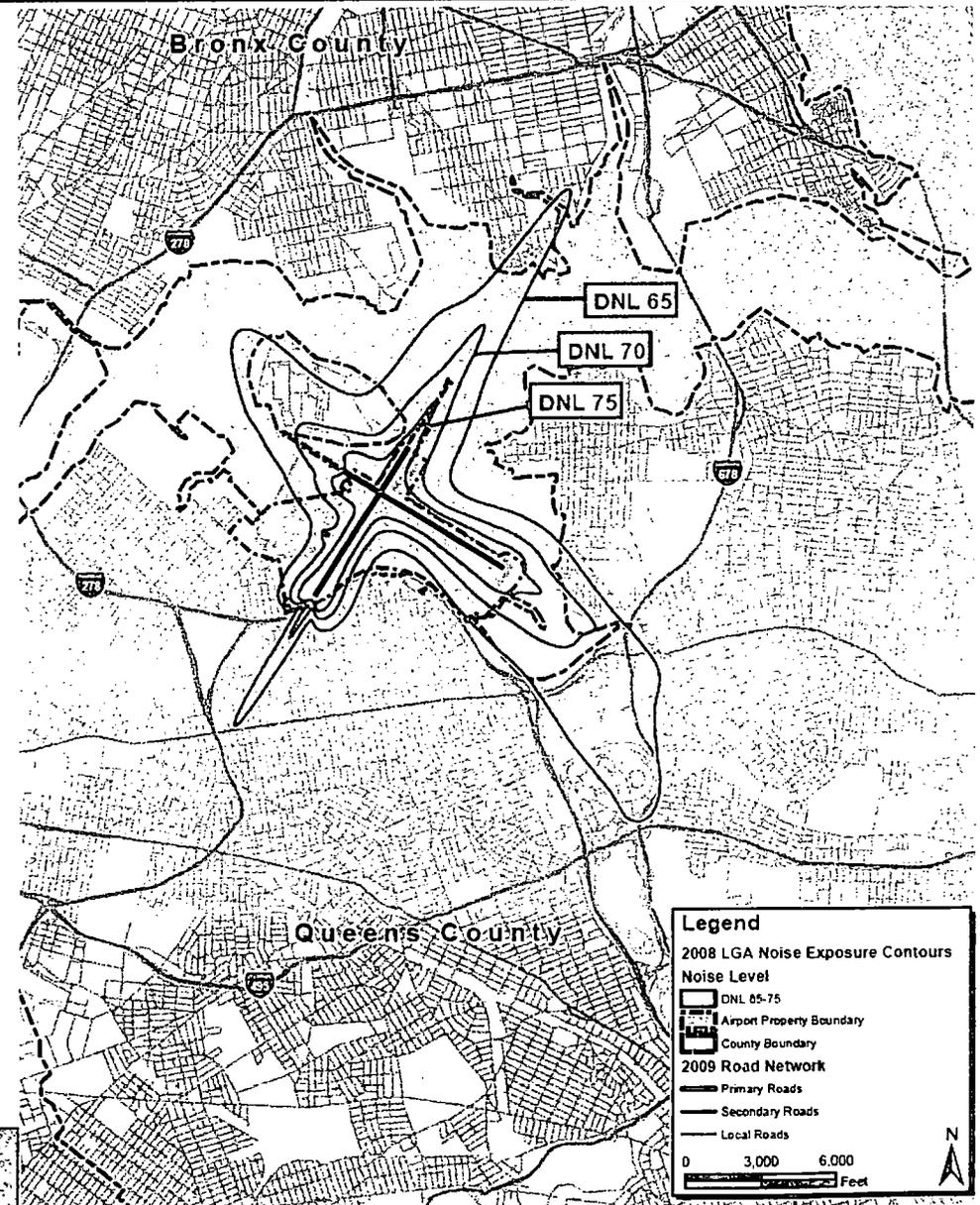
Snapshot of Oct. 26, 7 AM – 11 AM



FAA-Defined Noise Contours

The 65 DNL Threshold:

- FAA's metric for aviation noise analysis
- Determined in terms of the “day-night average sound level” (DNL) in decibels (dB)
- 65 DNL is the threshold for significant aircraft noise exposure

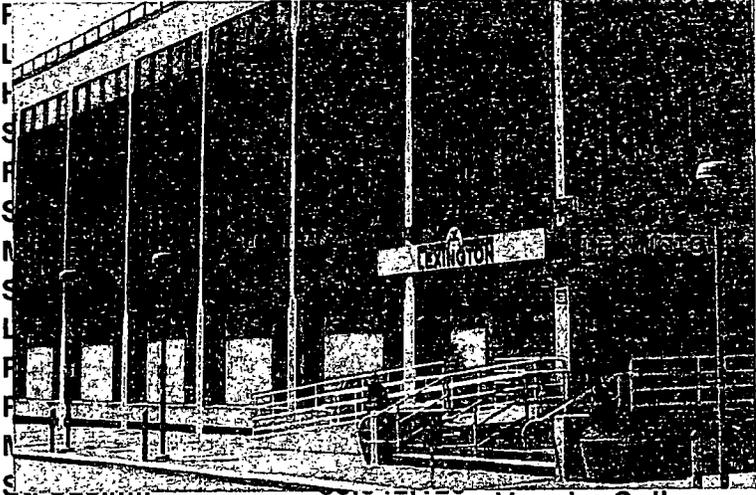
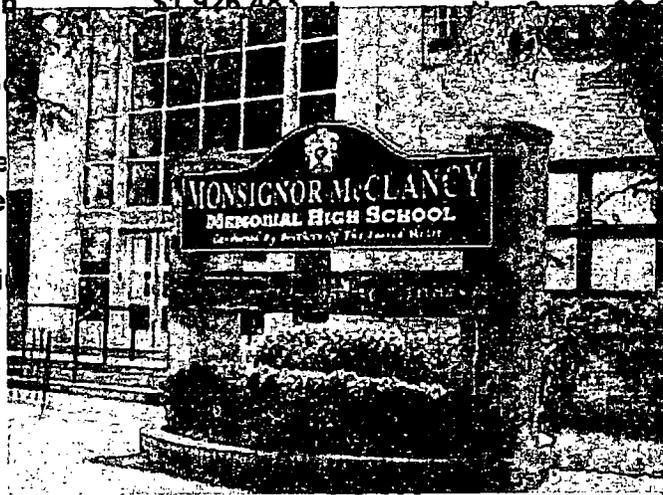


School Soundproofing

Since 1983, the PA, partnering with the FAA, has provided 77 schools in New York and New Jersey with funding for soundproofing measures:

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St. Athanasius			\$85,654				\$2,494,942
Our Lady of			\$27,463				\$3,701,226
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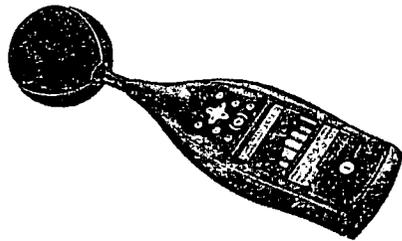
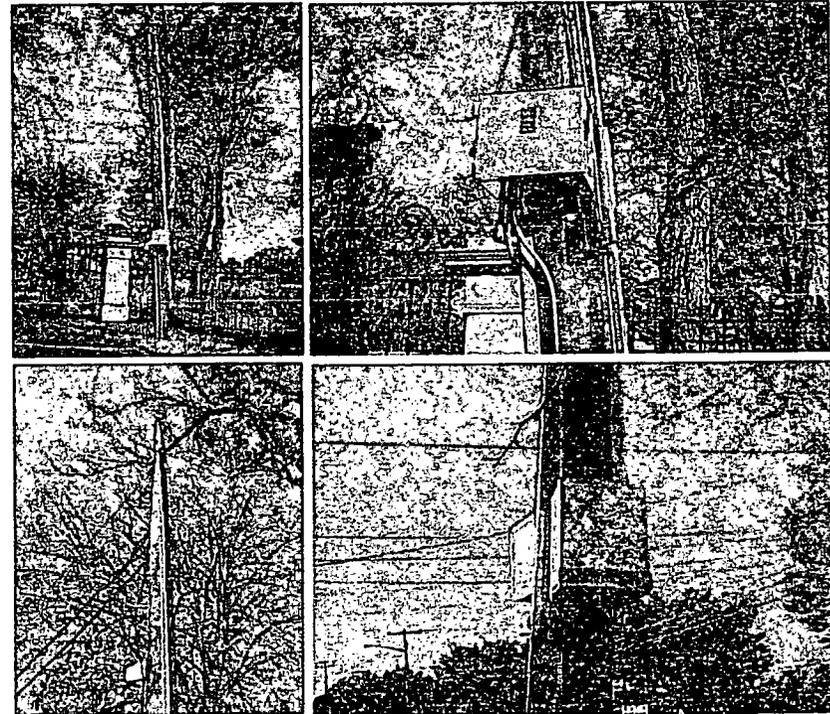
Total School Soundproofing Grants = \$285 million



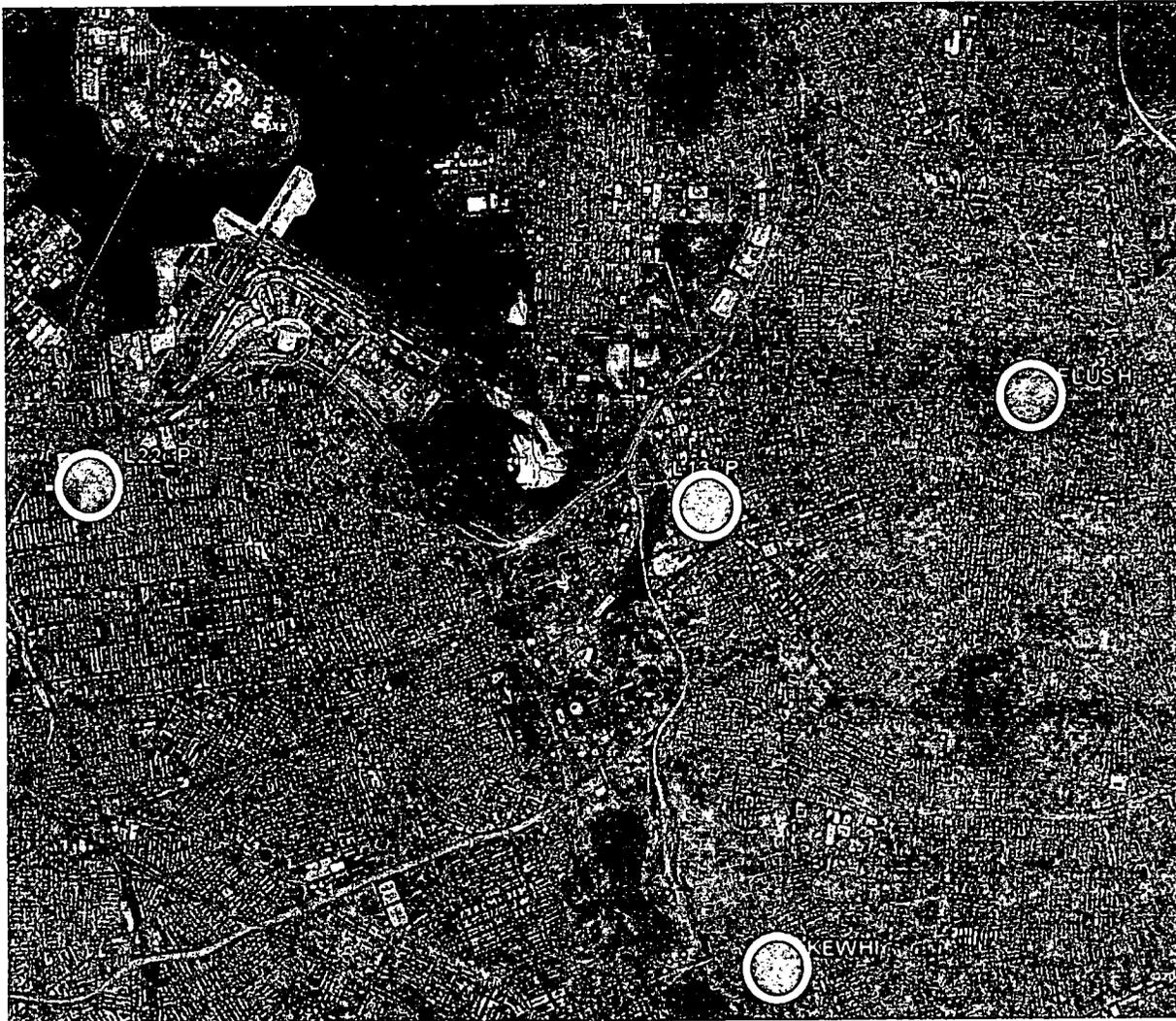
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Port Authority Noise Monitoring



Port Authority Noise Monitoring

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(signed) ANDREW M. CUOMO

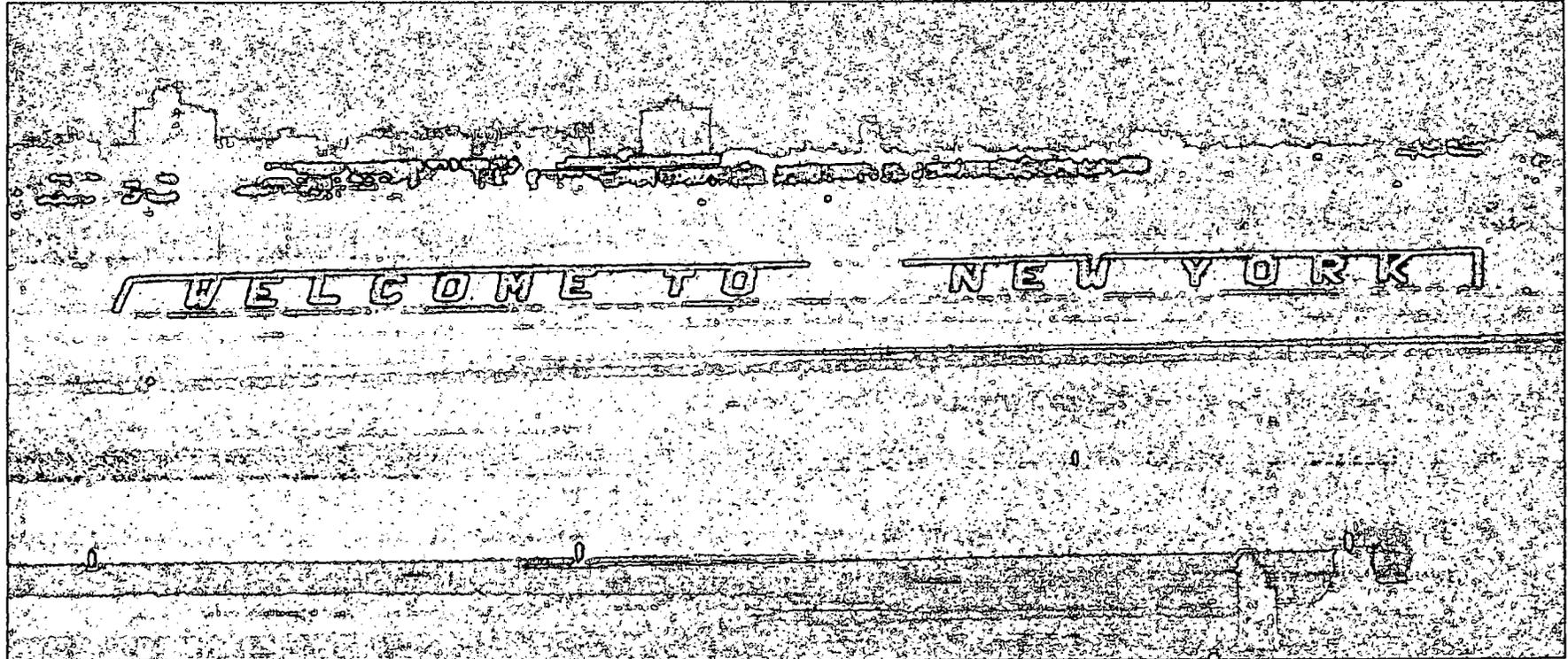
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- Part 150 submissions have two formal elements:
 1. Noise Exposure Map (NEM)
 2. Noise Compatibility Program (NCP)
- Public involvement is equally important
- FAA accepts NEMs and approves NCP measures

Thank You



THE PORT AUTHORITY OF NY & NJ

From: Albtor@aol.com
To: [Van Praagh, Ian](#)
Subject: Re: Pleasure chatting with you
Date: Friday, January 10, 2014 2:53:16 PM

Ian: Thank you so much for this information. Much appreciated. The research I am overseeing at the National Academy of Sciences will be looking at scores after abatement. When the report is released, I will let you know. Will stay in touch. have a pleasant weekend. Arline

In a message dated 1/10/2014 2:42:41 P.M. Eastern Standard Time, ivanpraa@panynj.gov writes:

Arline

The Port Authority's Airport Planning Division provided data for 7 schools. As you probably know, many of our previous documents were destroyed on 9/11, thus it is difficult to provide you a full set of data that you are looking for. My apologies.

In the attached document, you will find data that shows acoustical measurements for **single** events, before and after soundproofing has been implemented. The results indicate an improvement ranging from 41% to 51%. If you have any questions regarding this data, please do not hesitate to reach out.

We do not have records indicating reading or math scores after abatement.

Sincerely,

Ian Van Praagh

Ian Van Praagh

Government and Community Relations

225 Park Avenue South, 18th floor

New York, New York 10003

w) 212-435-3841

c) 917-284-3536

From: albtor@aol.com [mailto:albtor@aol.com]
Sent: Tuesday, January 07, 2014 5:40 PM
To: Van Praagh, Ian
Subject: Re: Pleasure chatting with you

Ian: Thank you for this prompt response and looking forward to hearing from you again in the near future. Arline

Sent from my iPhone

On Jan 7, 2014, at 5:27 PM, "Van Praagh, Ian" <ivanpraa@panynj.gov> wrote:

Arline

Happy New Year. I hope to get back to you regarding this matter shortly. I have reached out to our school soundproofing division.

Ian

From: albtor@aol.com [mailto:albtor@aol.com]
Sent: Tuesday, January 07, 2014 5:01 PM
To: Van Praagh, Ian
Subject: Fwd: Pleasure chatting with you

Was wondering if you were able to reach someone who could answer question below. Thanks. Arline Bronzaft

Sent from my iPhone

Begin forwarded message:

From: Albtor@aol.com
Date: December 20, 2013 at 2:28:42 PM EST
To: IVANPRAA@panynj.gov
Subject: Pleasure chatting with you

Dear Ian: "According to Praagh, the noise management improves up to 50 percent" was the statement I read in the press. I would appreciate knowing how the Port Authority was able to assess a 50

percent reduction. For example, what were the decibel readings before and after the abatements. Additionally, if you have any data on improved reading or math scores after abatement, I would appreciate that as well. Thank you for listening to my questions and offering to seek answers to them.

You can go to www.growNYC.org/noise and access some of my writings or type my name into google.com. I serve on the Board of GrowNYC, (non-paid volunteer position) and was named by Bloomberg and the three previous Mayors to the Board.

Should you need my assistance as you move forward with Part 150 study, do let me know.

Happy Holidays to You and Your Family. Arline Bronzaft

NOTICE: THIS E-MAIL AND ANY ATTACHMENTS CONTAIN INFORMATION FROM THE PORT

AUTHORITY OF NEW YORK AND NEW JERSEY AND AFFILIATES. IF YOU BELIEVE YOU HAVE

RECEIVED THIS E-MAIL IN ERROR, PLEASE NOTIFY THE SENDER IMMEDIATELY,

PERMANENTLY DELETE THIS E-MAIL (ALONG WITH ANY ATTACHMENTS), AND DESTROY ANY

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PRINTOUTS.

**Maspeth Town Hall
Public Information Meeting**

**The Port Authority of NY and NJ
Airport Noise & Operations
Monitoring System (ANOMS)**

November 6, 2013



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

New ANOMS Contract

- *New ANOMS Contract procured through publicly advertised bid (Request for Proposal)*
- *2 Proposal Bids were received*
- *Bruel & Kjaer was selected by committee to provide the ANOMS solution based on responsiveness to RFP, technical approach, management approach, and cost. Approval was provided by PANYNJ Board of Commissioners in May 2013.*
- *Bruel & Kjaer is world leader in noise management (70 years of experience, over 230 Airports worldwide including London Heathrow, Los Angeles, Denver, Toronto Pearson, and Chicago O'Hare Airports)*



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

New ANOMS Contract - Continued

- *Replaced existing 11 Permanent Noise Monitoring Terminals (NMT) as of October 21, 2013 (7 Portable NMTs will be replaced starting in March of 2014)*
- *New NMTs are capable of using 3G/4G wireless connection for communication instead of copper phone line currently used*
- *10 years of noise and flight tracking legacy data has been retained*
- *Public website will be launched to track flight tracks, monitor noise decibel readings, providing runway closure announcements, and file noise complaints (about 20 minutes delayed) – End of 2013*
- *Public website will be similar to currently available for Denver (DEN) and Los Angeles (LAX), Chicago (ORD) Airports.*
- *Flight tracking data is available for analysis within 24 hours as compared to previous setup where 4-days data aging process was required per FAA before being available in the system.*



New ANOMS Contract - Continued

- *Existing PlaneNoise noise complaint system has been integrated into new ANOMS – Noise complaints that have been validated are pushed to ANOMS database automatically*
- *System continues to detect noise departure limit of 112 PNDB (perceived noise level in decibels) to issue violations at JFK, LGA, and EWR*
- *Noise Contours for each airport will be available every year - with validation/auditing service provided by an independent Noise Consulting Firm*
- *Contract will be for three (3) years, with the option for three (3) additional two (2) year extensions.*



New ANOMS Contract - Schedule

- *PANYNJ Board Approval to enter into contract - May 2013*
- *Contract Award – June 27, 2013*
- *First Phase to setup System software and transfer legacy data completed in September 2013*
- *Hardware replacement (i.e. 11 Permanent NMTs) – Installation complete on October 21, 2013*
- *Public noise website with flight tracking, noise monitoring data, and noise complaints, is planned to be launched in December 2013*
- *Hardware replacement (i.e. Portable NMTs) is planned to take place in Spring of 2014.*



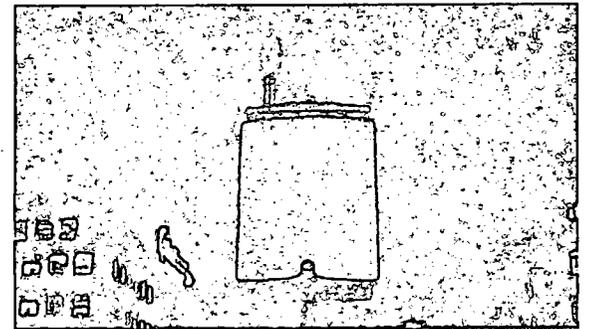
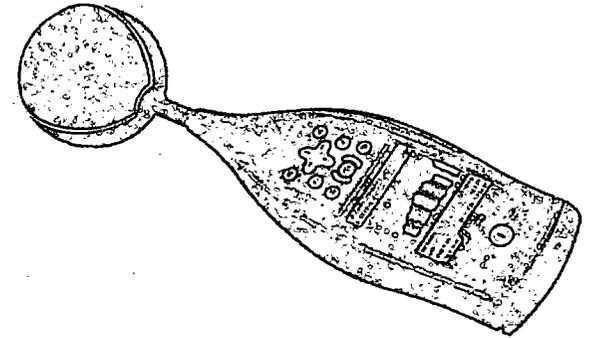
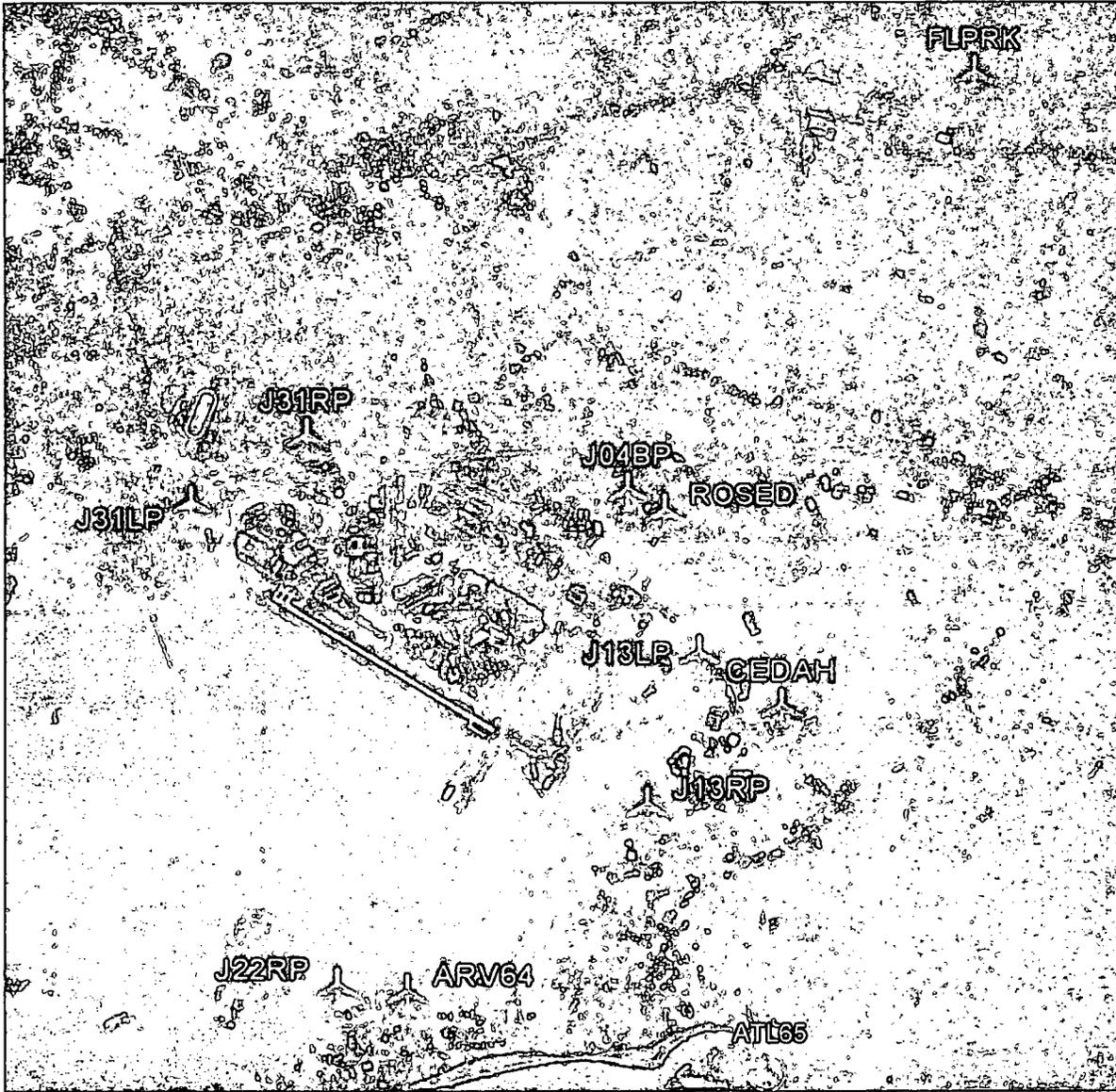
**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

Aircraft Noise Monitors for LGA



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

JFK



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

Port Authority Noise Complaint Information

Toll Free Telephone Number:

(800) 225-1071

Website:

<http://www.planenoise.com/panynj/daPRAbr9/>



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

Questions & Comments



Thank you!



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

JFK: Runway 4L/22R Improvements Environmental Assessment

LGA: The Future of LGA

Noise Contours, School Soundproofing & Part 150

Aviation Advisory Council

December 5, 2013

President

**State Senator
James Sanders**
Public Outreach – JFK Runway Safety Areas

**State Senator
Joseph Addabbo**

**Assemblywoman
Michaëlle Solages**

**Assemblywoman
Barbara Clark**

**Councilman Leroy
Comrie Jr.**

**Councilman
Donovan Richards**

**Councilman Eric
Ulrich**

Community Board

EA advertised for public comment in:

- Daily News (Queens Edition)
- Queens Times Ledger
- Queens Courier (Sun Courier)
- Queens Ledger
- Queens Chronicle
- Newsday (Long Island)
- South East Queens Press
- LI Herald
- Long Island Press

Three public information meetings were held:

- October 24: St. Peter's Church in SE Queens
- October 28: Floral Park Pool & Recreation Center
- October 29: Elmont Public Library

Runway Safety Area (RSA) Compliance Background

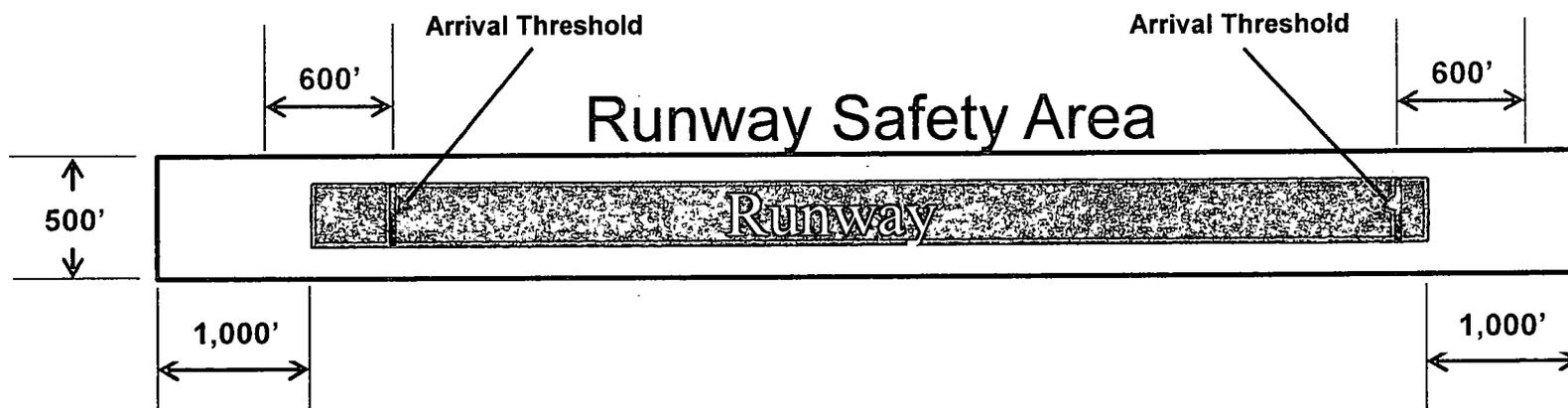
Key Dates:

- 1988: FAA Part 139 required RSA standards to be improved and approved by the FAA
- 2005: Congressional mandate requires all FAA Part 139 certificated airports to improve the airport's RSA to comply with the FAA design standards by no later than **December 31, 2015.**

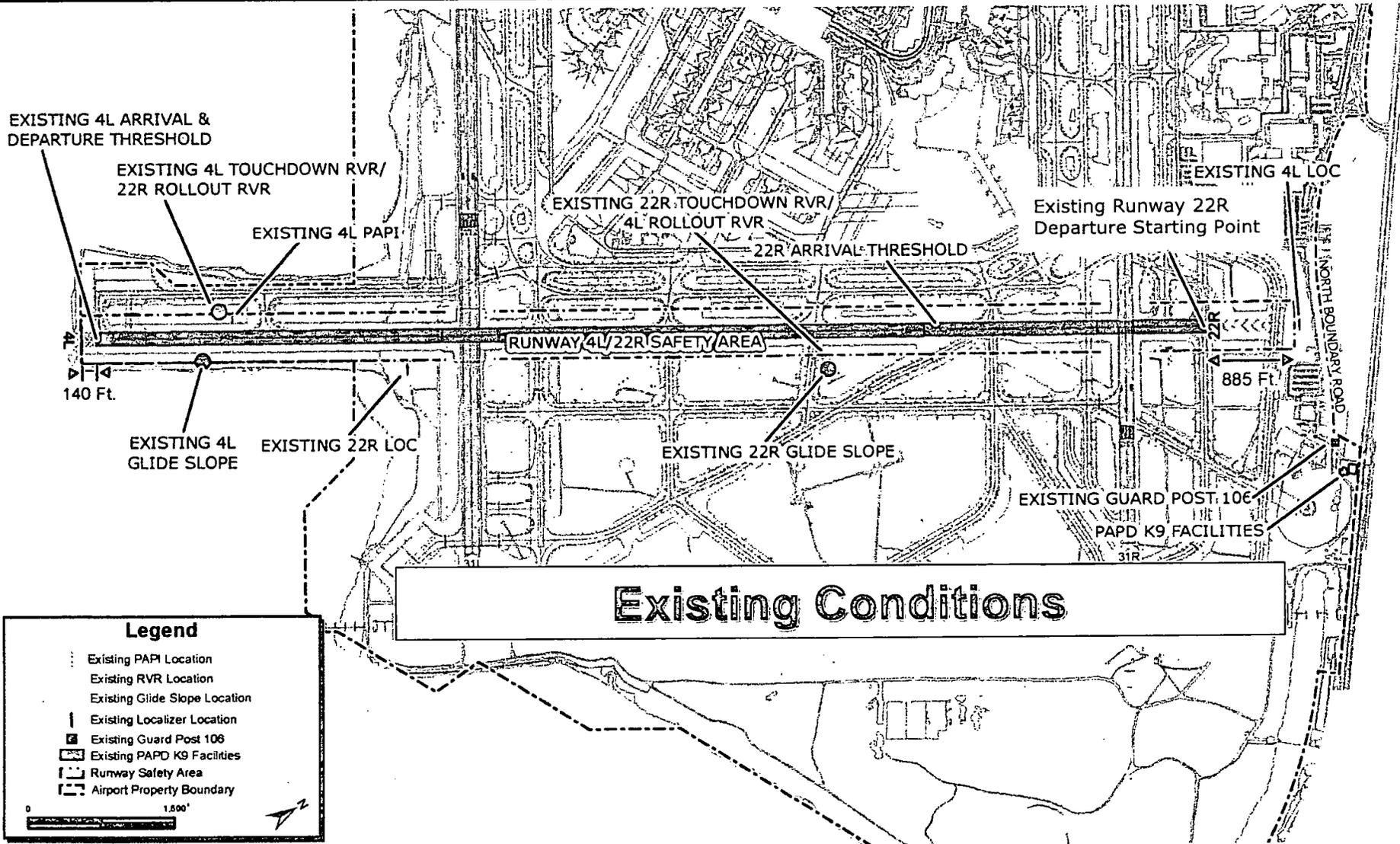
Runway Safety Area (RSA) Compliance Background

Definition

- A surface surrounding the runway that has been prepared for reducing the risk of damage to aircraft and passengers in the event of an excursion, undershoot, or overrun from the runway.
- An area 500 feet wide centered on the runway centerline.
- An area 600 feet in length prior to *arrival threshold*.
- An area 1,000 feet in length beyond *departure end of runway*.

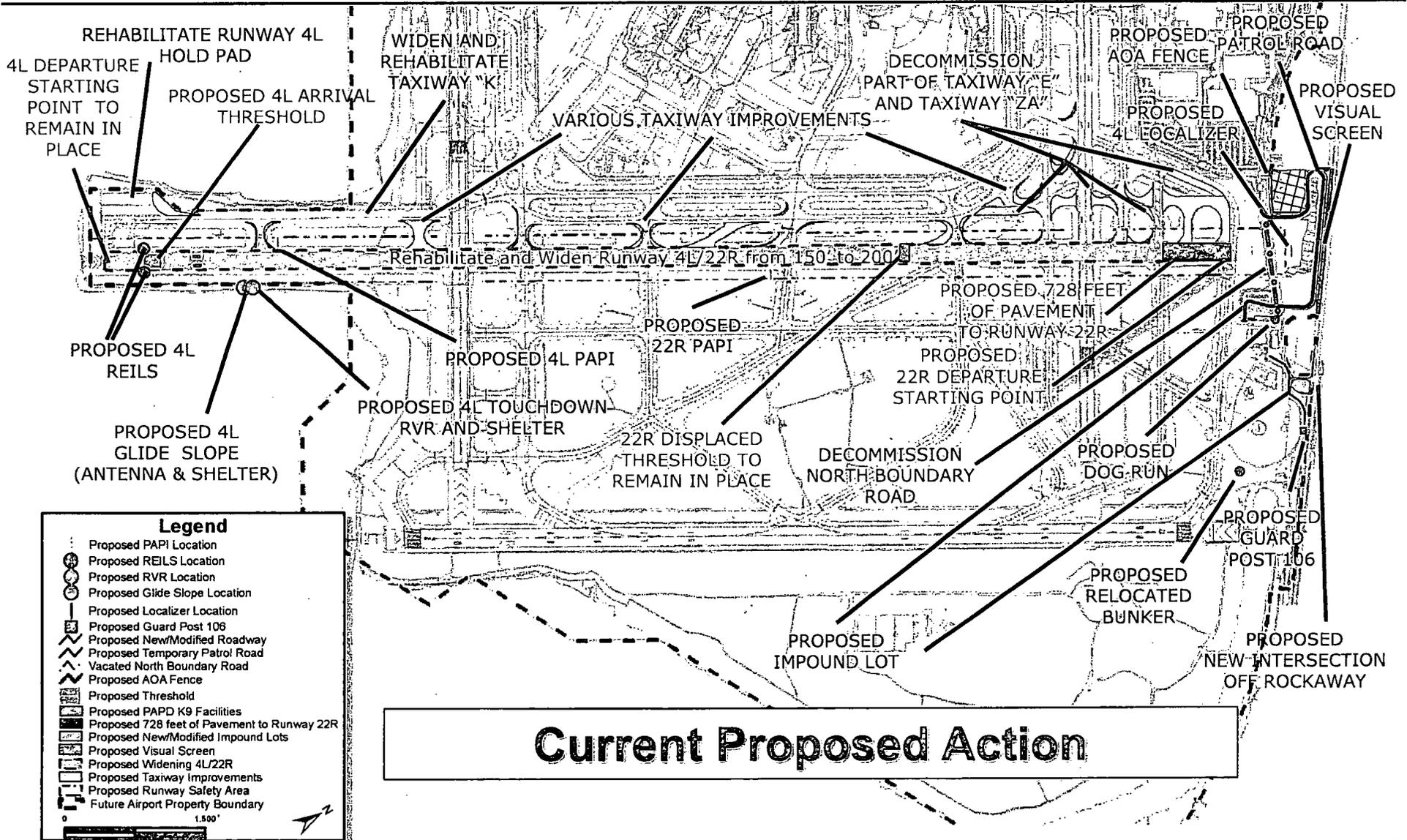


Existing Runway 4L/22R Conditions



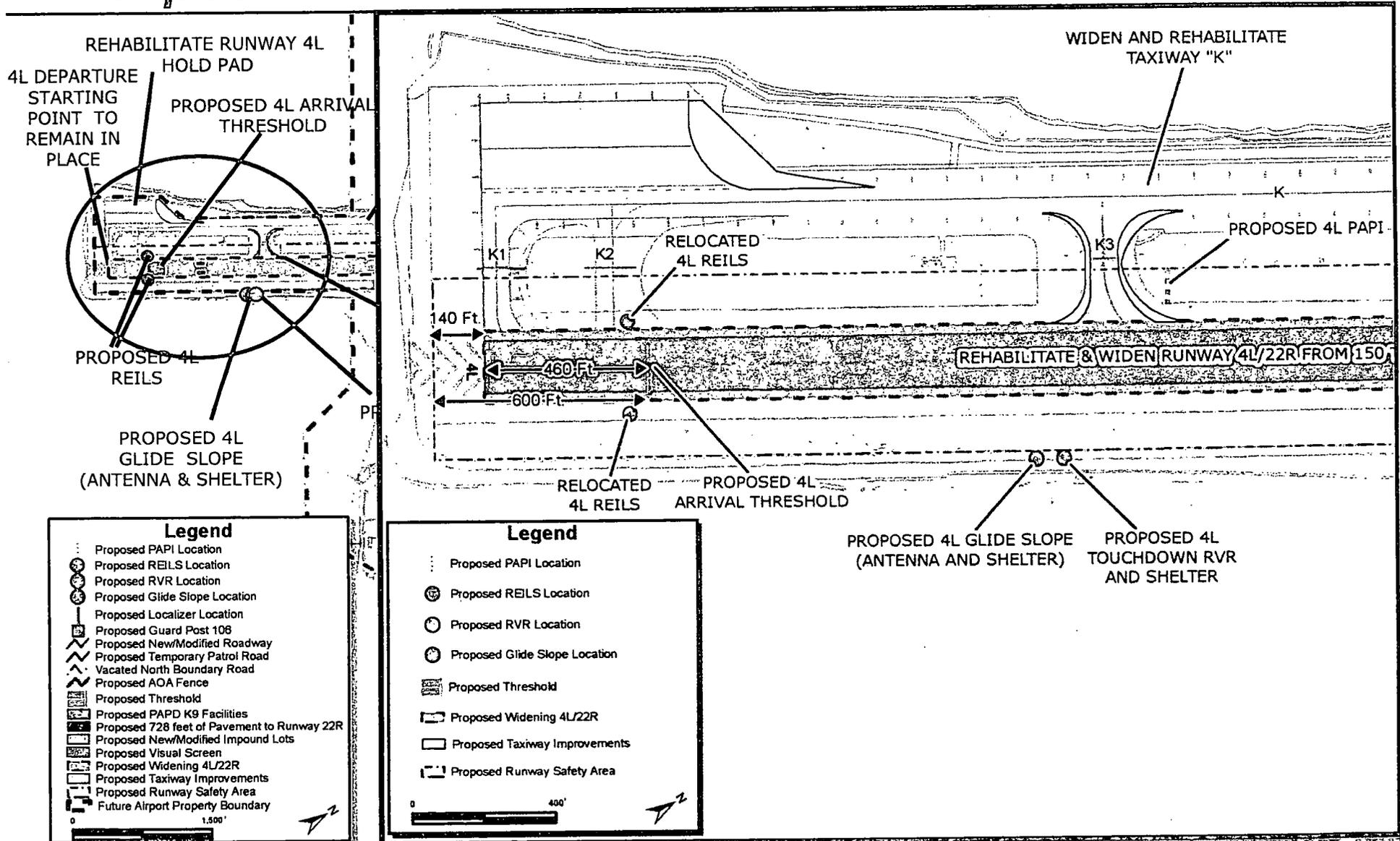
Revised Draft Environmental Assessment

Proposed Action



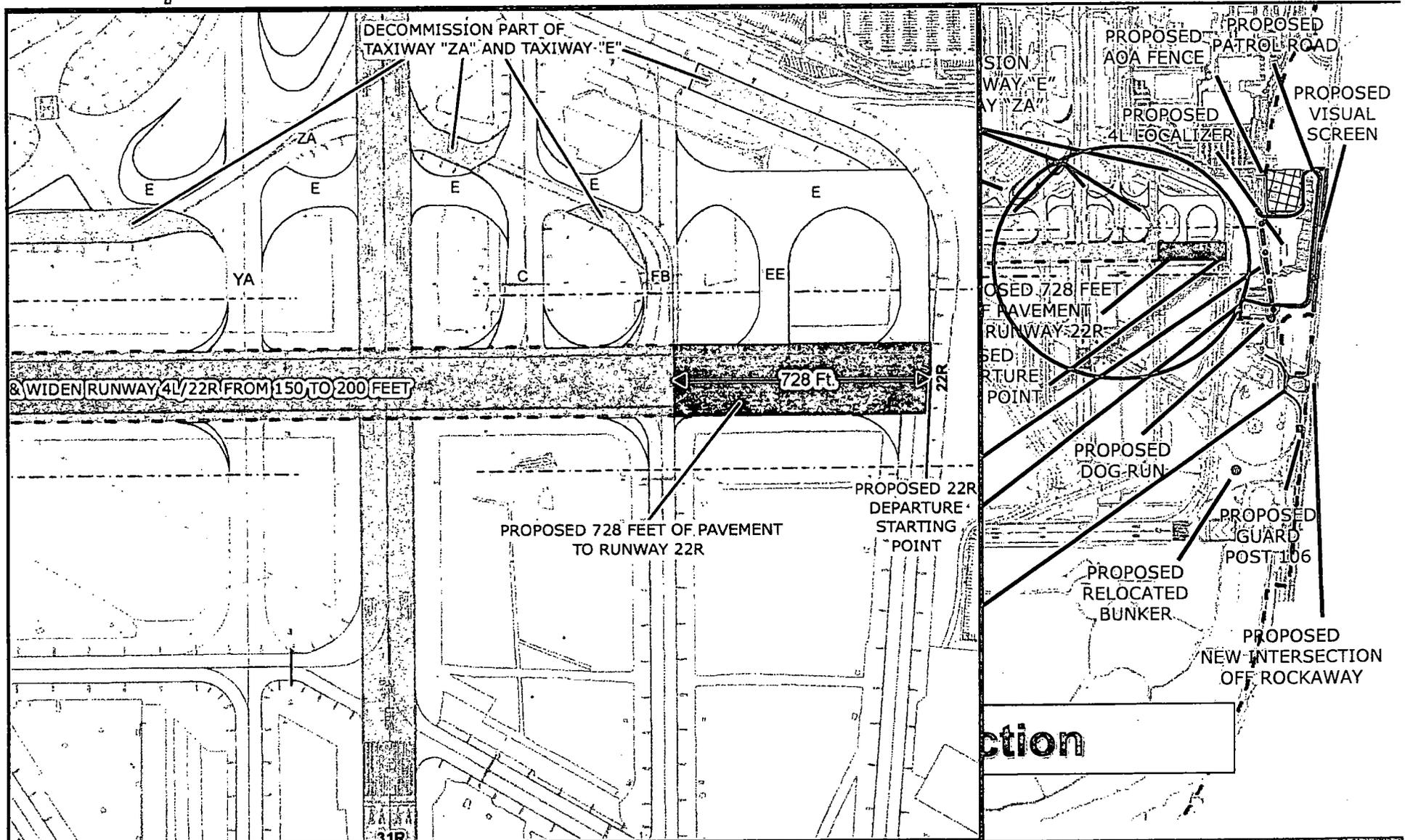
Revised Draft Environmental Assessment

Proposed Action



Revised Draft Environmental Assessment

Proposed Action



Differences Between the Current Proposed Action and Previous Proposed Action

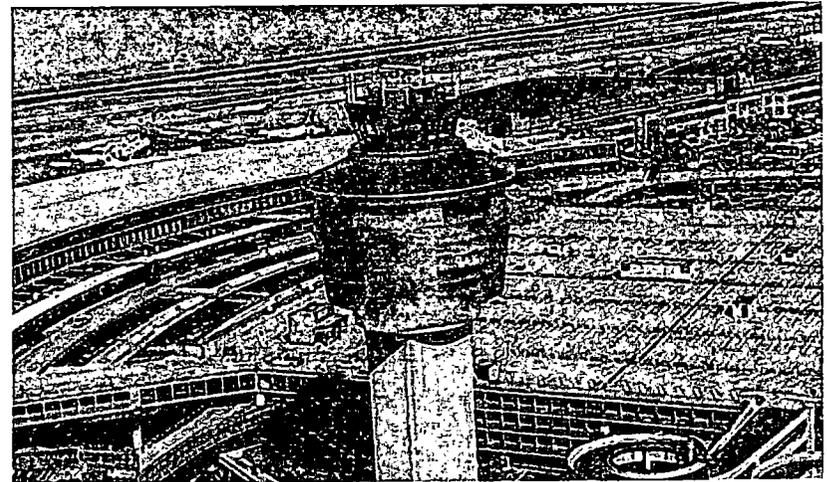
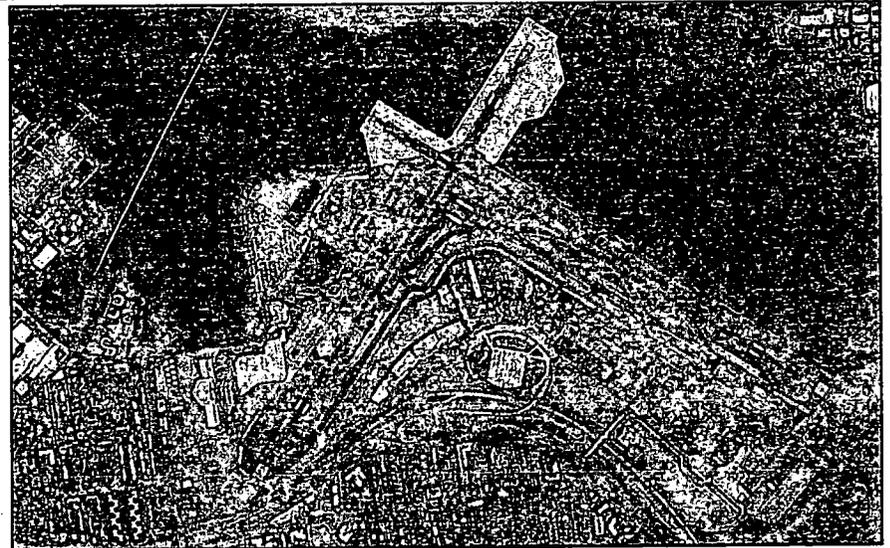
- Runway 22R arrival threshold would remain in the same location as existing conditions.
 - No change in the altitude of arrivals landing on Runway 22R to the north of the Airport.
 - **No trees would be trimmed/removed in Idlewild Park because of this project.** (The Port Authority will continue to work with New York City Department of Parks and Recreation to mitigate existing tree obstructions.)
- Runway 4L departure starting point would remain the same location as existing conditions.
 - No change in the altitude of departures on Runway 4L to the north of the Airport.

Environmental Assessment Conclusions

- The Environmental Assessment concluded that the Runway 4L/22R projects would not result in any *significant* impacts, as defined in FAA Order 1051.E to:
 - Noise – no 1.5 dB DNL noise increase in the 65 DNL noise contour over a noise sensitive land use.
 - Air Quality – emissions would not exceed applicable thresholds.
 - Environmental Justice – no subject populations would be disproportionately impacted.
 - Parks – no impact to the surrounding parks.
 - Wetlands – no impacts.

LGA Airport Overview

- 680 acres
- 2 intersecting runways
- 4 passenger terminals
- 369,000 annual flights
- 25.7 million passengers
- 7,000 tons of annual cargo
- FAA slot controlled airport
- Employs 11,000 people
 - 4,850 of whom reside in Queens



LGA Redevelopment Program Overview

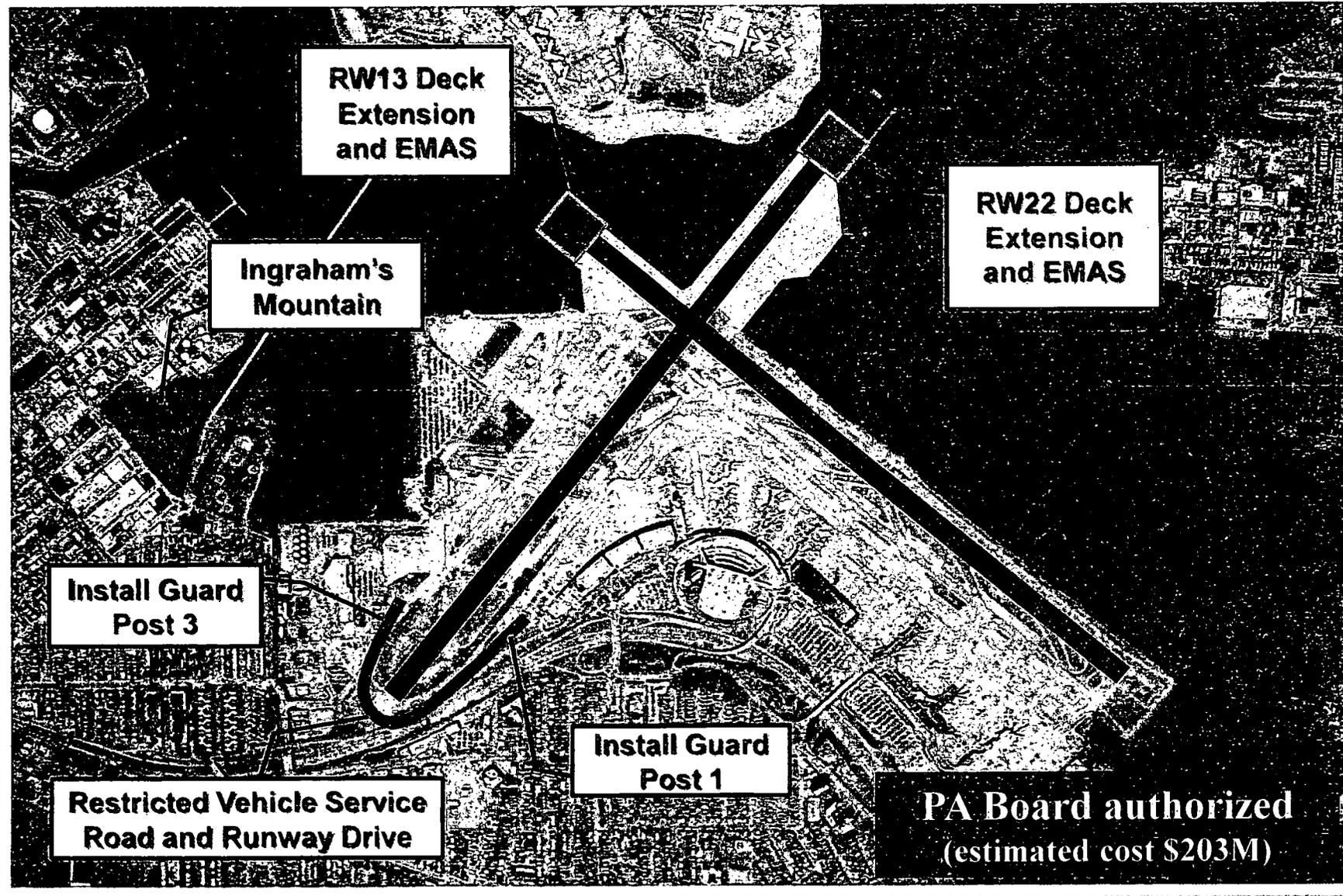
LGA Redevelopment Program

Runway Safety Enhancements Program

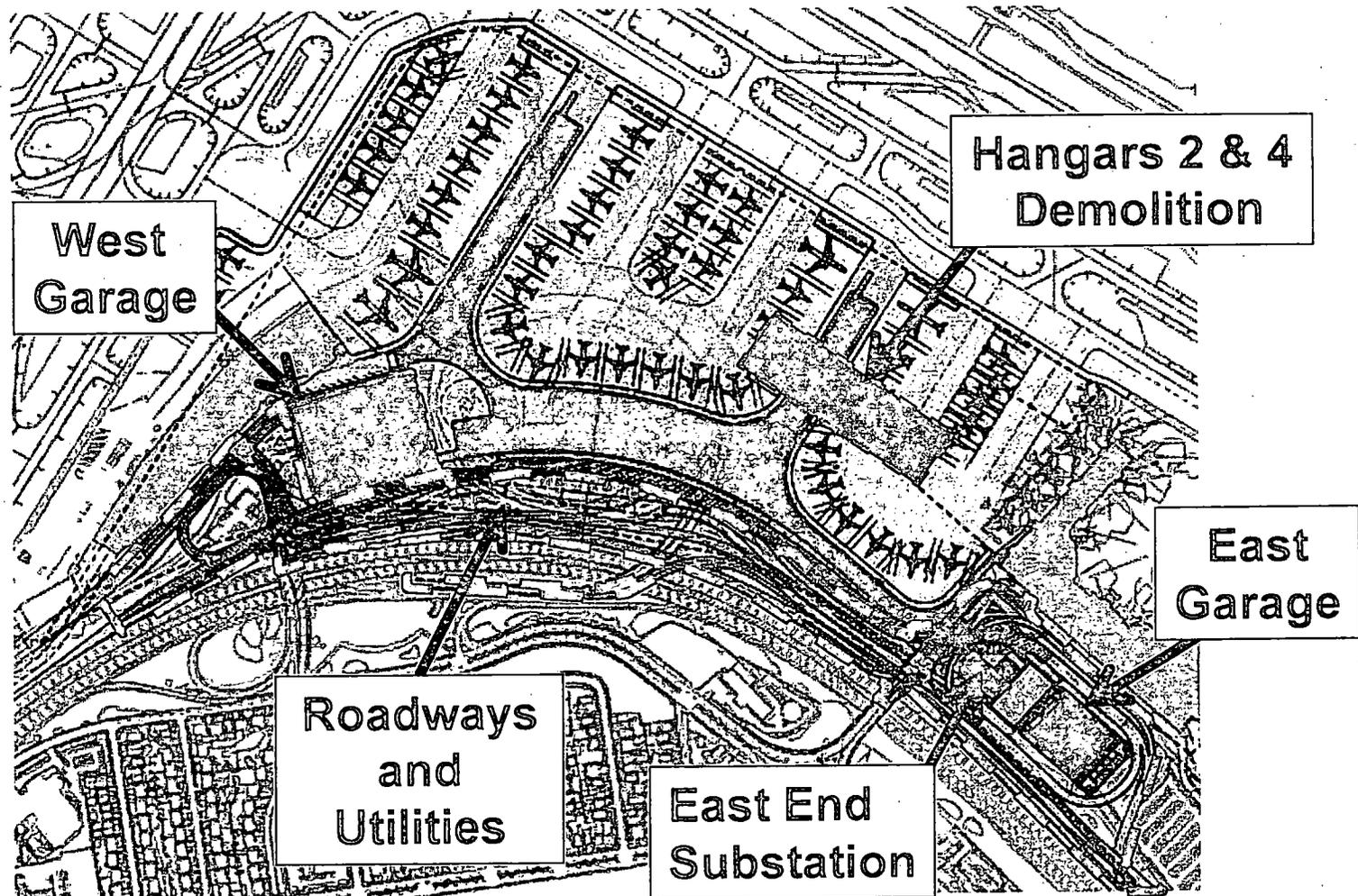
**LGA Central Terminal Building Replacement Project
Public Private Partnership (PPP)**

**LGA Capital Infrastructure Program
“Legacy Projects” (LGACI)**

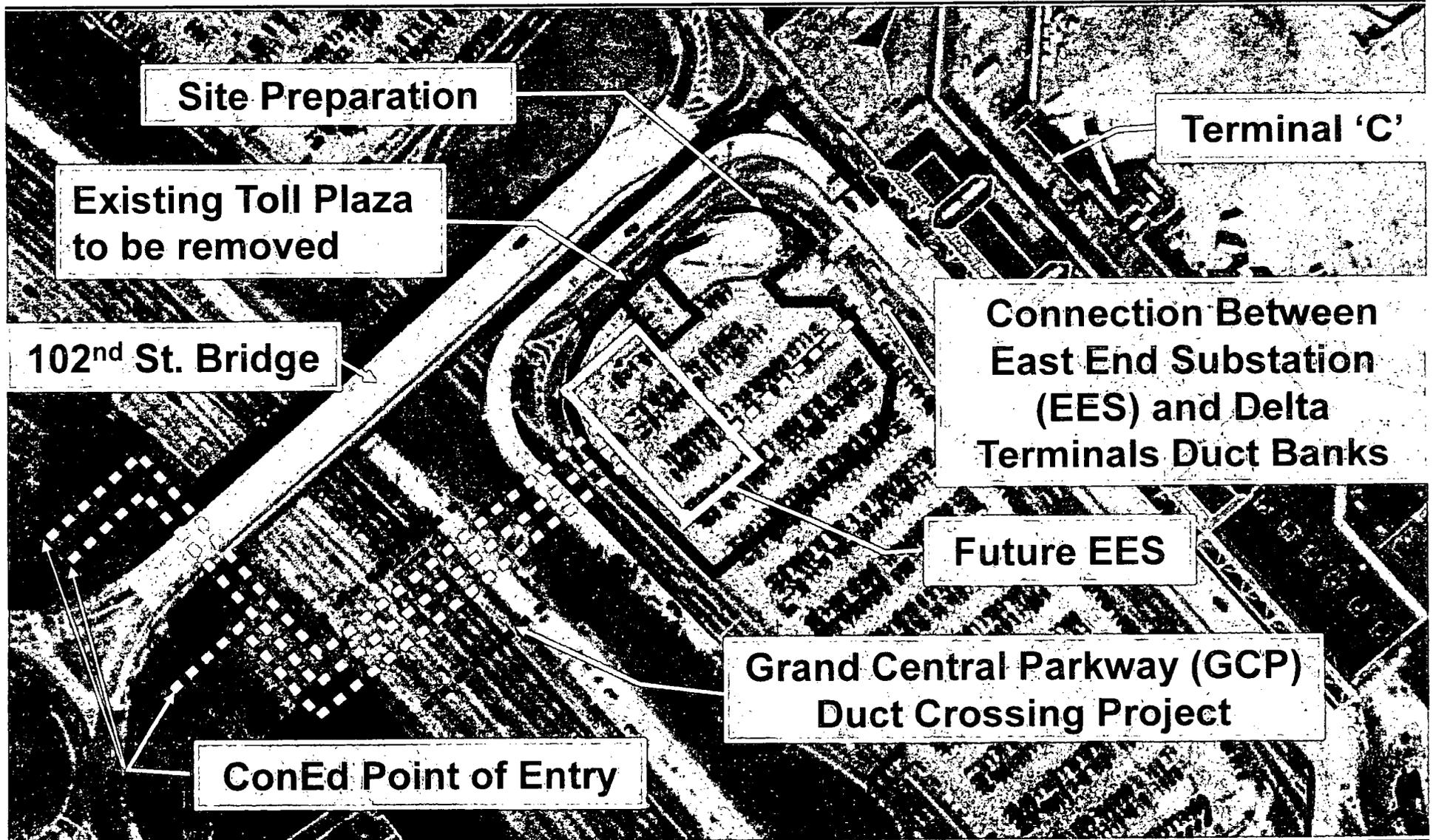
Runway Safety Enhancements Program Overview



LGACI (Legacy) Projects Scope

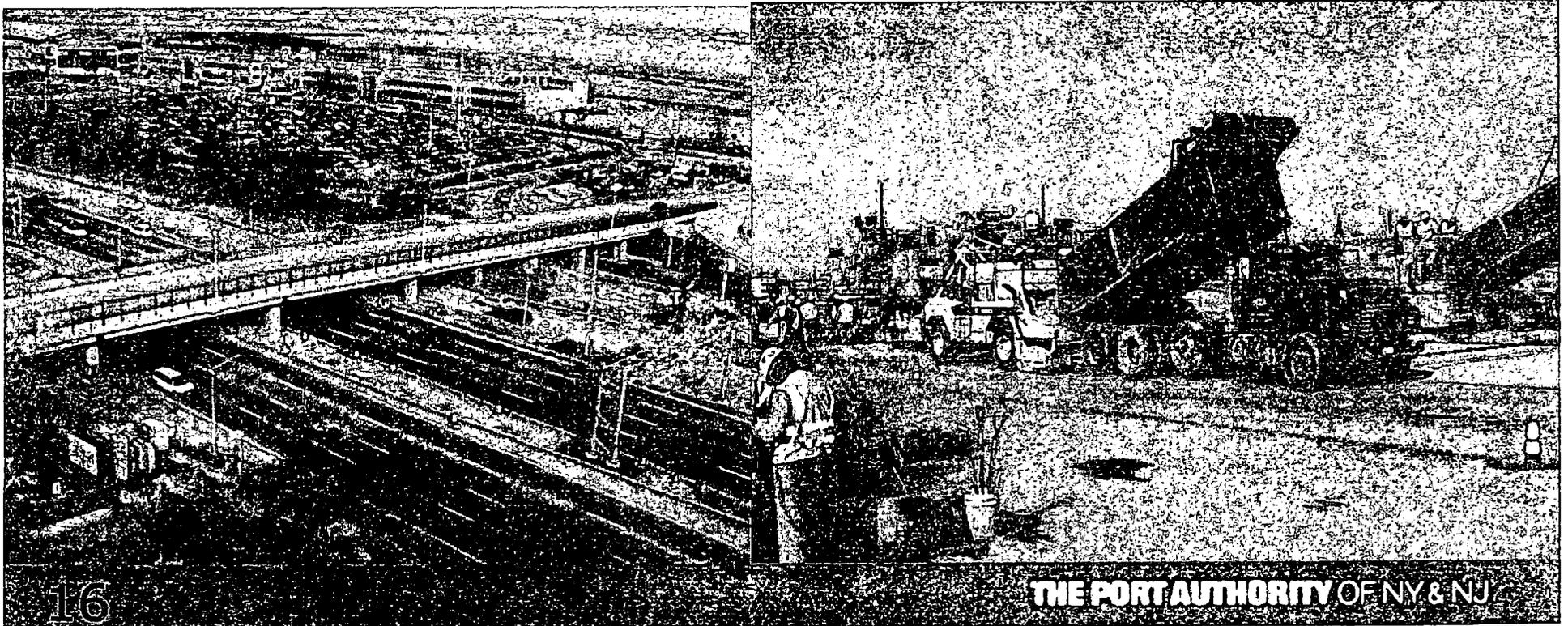


East End Substation

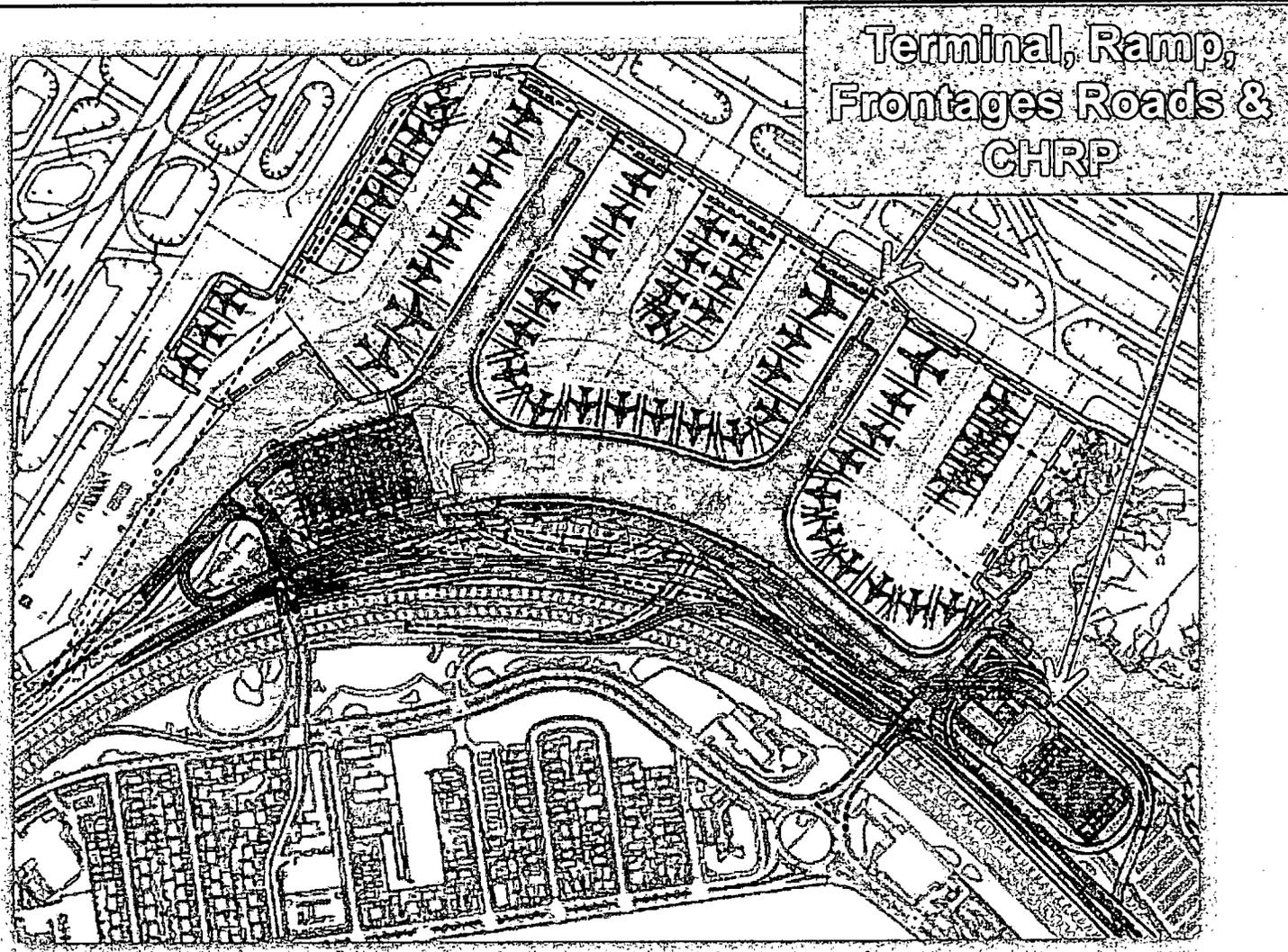


Economic Impact

- 330 total job years
- \$20 Million in wages
- \$139 Million in Economic Activity



CTB Replacement Project: PPP Scope



Program Features

Feature	CTB Today	New CTB
Passengers	12.0 MAAP	17.5 MAAP
Level of Service	Poor	Very Good
Contact Gates	35	35
Terminal	Inadequate @ 750,000 sf	1,300,000 sf
Frontage Roads	Inadequate @ 3,000 lf	4,400 lf
Terminal Area Parking	6,100 spaces	+/- 5,400 spaces
Rail Connection	Not Considered	Planned for Future Implementation

PIER 3
5/2017 ~ 8/2018

Existing Terminal
11/2016 ~ 5/2021

Hangar 1
4/2019 ~ 9/2019

Ramp & Taxiways
5/2015 ~ 8/2021

West Node
8/2019 ~ 2/2021

PIER 1 & 2
5/2015 ~ 11/2016

**West Parking
Garage**
4/2014 ~ 5/2016

Hangars 2 & 4
1/2014 ~ 12/2014

Headhouse
10/2015 ~ 10/2018

EES
1/2013 ~ 6/2015

Existing Garage
4/2015 ~ 10/2015

**East Parking
Garage**
9/2013 ~ 3/2015

**Utilities, Roadways
& Bridges**
2/2014 ~ 7/2019

CHRP
11/2015 ~ 6/2018

2013

2014

2015

2016

2017

2018

2019

2020

2021

Design

PPP Construction

PA Construction

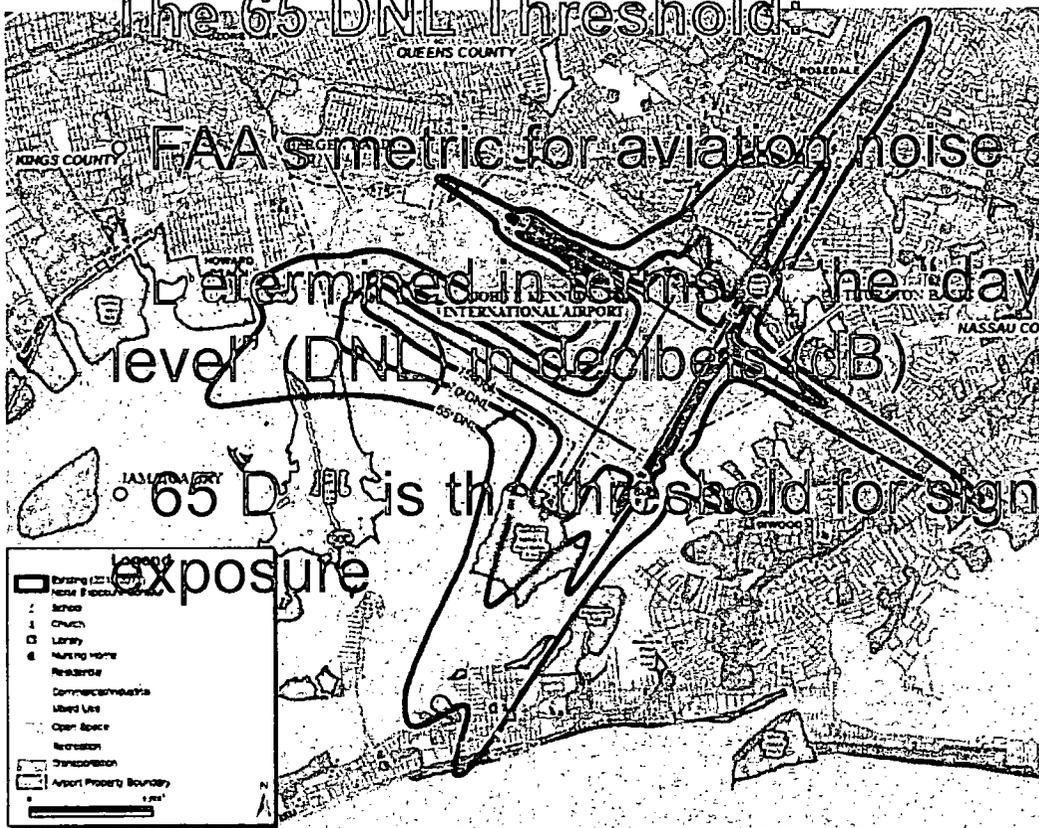
THE PORT AUTHORITY OF NY & NJ

Environmental Assessment

<u>Project</u>	<u>Public Comment Period</u>	<u>FAA Determination</u>
LaGuardia Redevelopment Program	Q1 2014	Q2 2014

FAA-Defined Noise Contours

The 65 DNL Threshold



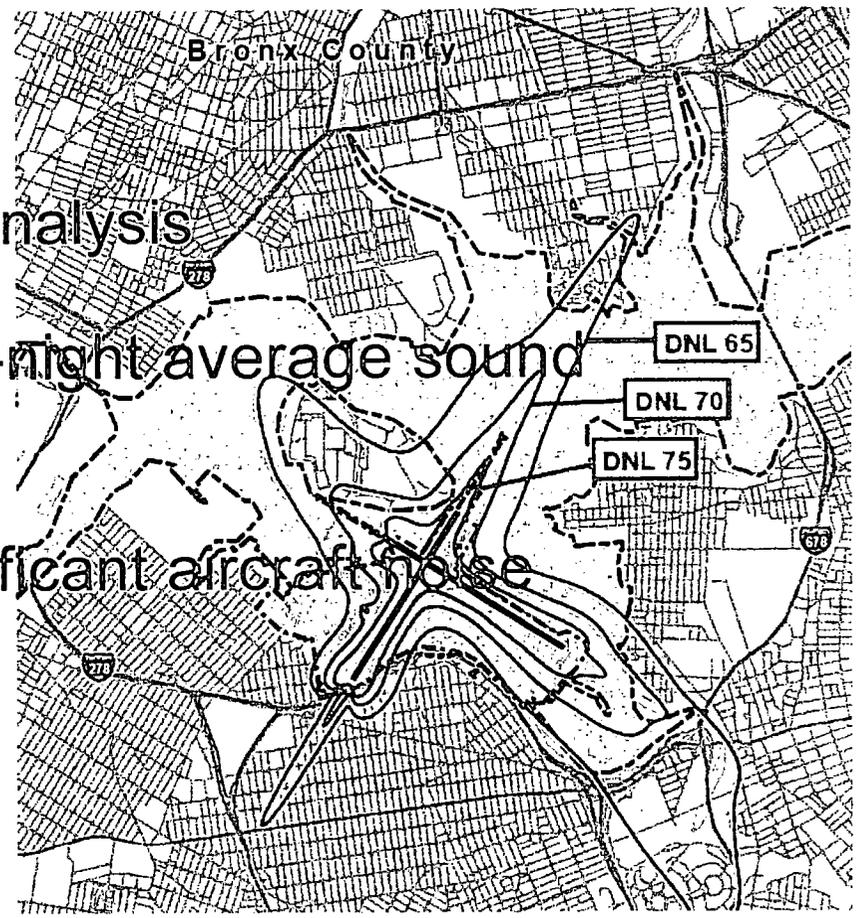
FAA's metric for aviation noise analysis

determined in terms of the day-night average sound

level (DNL) in decibels (dB)

65 DNL is the threshold for significant aircraft noise

exposure



School Soundproofing

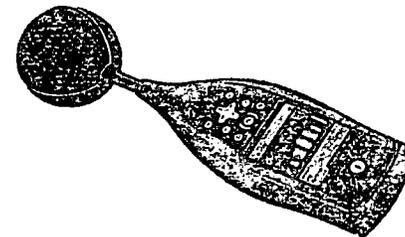
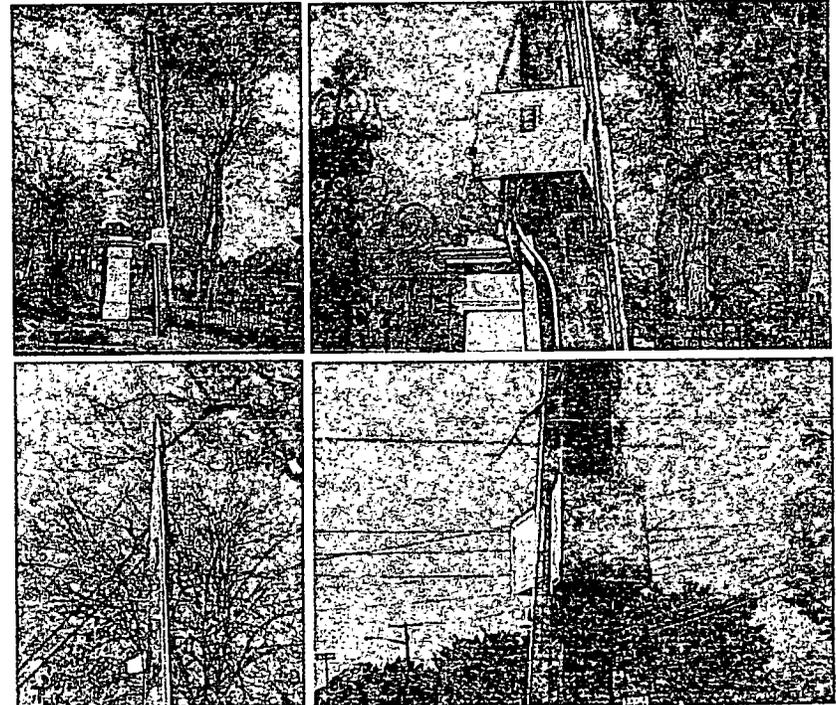
Since 1983, the PA, partnering with the FAA, has provided 77 schools in New York and New Jersey with funding for soundproofing measures:

PS 62	\$37,812	IS 198Q	\$16,144,318	Cedarhurst No. 5	\$288,113	East Newark	\$849,521
PS 52	\$2,185,603	Tapeinu	\$656,612	IS 180Q	\$22,428,900	Sacred Heart	\$2,175
St. Ann's	\$747,105	Joachim	\$2,451,837	St. Rose Lima	\$2,200,000	East Side	\$915,924
PS 146B	\$9,932,882	St. Clare	\$2,115,681	Lawrence No. 4	\$964,746	Holy Cross	\$2,762,056
St. Michael's	\$5,503,981	Beach Channel	\$2,075,291	PS 181	\$306,325	St. Ann's	\$798,000
Msgr. McClancy	\$9,376,511	Lawrence No. 2	\$2,670,419	PS 183	\$995,000	St. Paschal's	\$599,442
St. Sebastian	\$1,926,483	PS 146 Q	\$8,232,585	PS 104	\$905,129	St. Pat HS	\$790,644
St. Pius V	\$738,207	St. Pius X	\$2,751,044	Duncraig	\$4,432,515	John Marshall	\$695,000
Lexington School	\$3,500,811	Lawrence No. 2	\$2,670,419	Harrison	\$1,141,894	St. Benedict	\$539,966
PS 5	\$8,391,276	PS 146 Q	\$8,232,585	St. Stephen	\$7,378,604	Peter & Paul	\$360,000
John Bowne HS	\$29,769,140	PS 195	\$6,179,821	Franklin	\$852,752	Wilson Avenue	\$641,448
Sam Gompers HS	\$24,930,033	Hebrew Academy	\$2,983,810	St. Cecilia	\$2,348,694	Hawkins	\$1,269,931
St. Anselm	\$7,504,694	PS 38	\$485,654	Moore	\$2,585,769	Franklin No. 3	\$628,330
St. Athanasius	\$5,923,443	PS 13	\$1,127,463	Lawrence No. 2	\$2,670,419	Memorial	\$2,494,942
Our Lady of Fatima	\$936,000	Our Lady of Grace	\$1,245,145	PS 146 Q	\$8,232,585	Bergen	\$3,701,226
PS 143	\$970,740	PS 42	\$1,667,385	PS 195	\$6,179,821	Jackson	\$7,966,371
PS 165	\$925,000	Yeshiva Darcei	\$1,572,093	McKinley	\$11,590,430	St. Francis	\$3,809,093
PS 120	\$908,781	PS 138	\$48,989	St. Casimir	\$3,342,120	Sylvan School	\$381,083
PS 219	\$1,325,423	Lawrence	\$1,001,347	Grover Cleveland	\$5,028,099	Kearny HS	\$1,979,522
PS 161	\$1,473,679					Vaughn College	\$4,838,338
						Becton HS	\$1,410,667

Port Authority Noise Monitoring

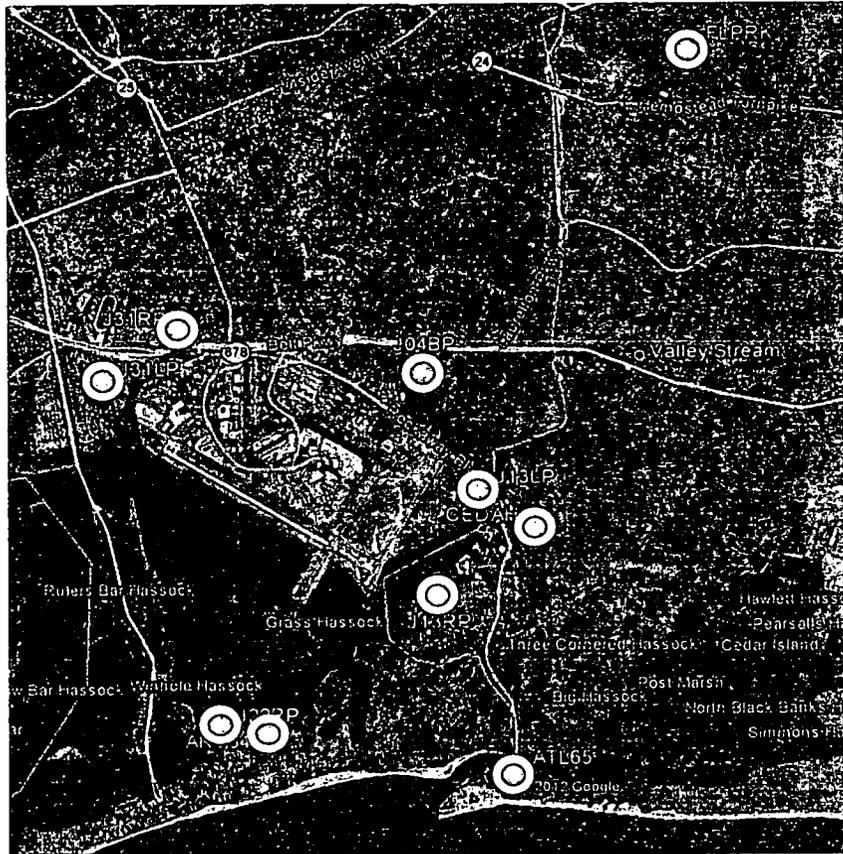
How We Monitor Noise:

- 6 Permanent Noise Monitors at JFK
 - 4 Portable Monitors
- 2 Permanent Noise Monitors at LGA
 - 2 Portable Monitors

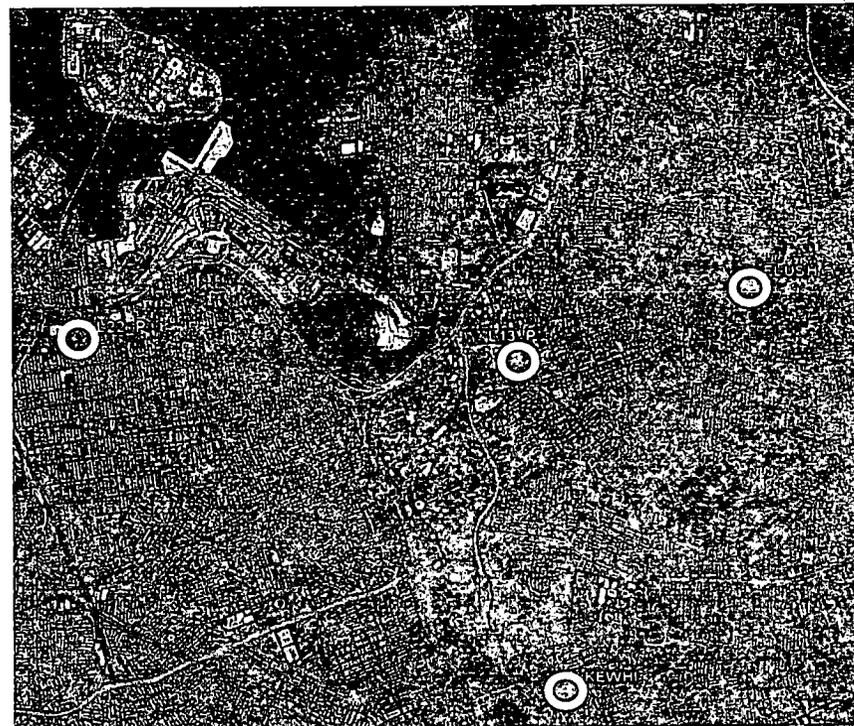


Port Authority Noise Monitoring

JFK Noise Monitors



LGA Noise Monitors



Port Authority Noise Monitoring

Logging a Noise Complaint

- Via Phone (Toll Free): 800-225-1071

- Via Online:

<http://www.planenoise.com/panynj/daPRAbr9>

And launching in January 2014...

Port Authority Noise Monitoring

A New Public Website, Featuring:

- Detailed flight tracks
- Monitored noise decibel readings
- Runway closure announcements and advisories
- Noise complaint filing

Noise Compatibility Study – Part 150



Excerpt from Message No. 248:

"I recognize that aircraft noise has been a concern for residents of Queens County and Nassau County. Therefore, rather than wait for New Jersey to enact companion legislation that would require Part 150 studies at all Port Authority airports, I am vetoing this bill but directing the Port Authority to conduct noise studies that meet the requirements of Part 150 for LaGuardia and JFK airports and to establish a community roundtable for airport noise and related issues in collaboration with the Federal Aviation Administration and other stakeholders."

(signed) ANDREW M. CUOMO

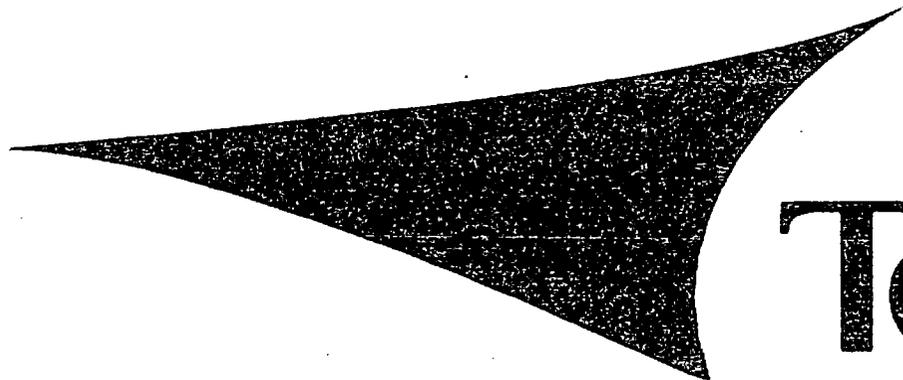
Noise Compatibility Study – Part 150

What is Part 150?

FAR Part 150 – Airport Noise Compatibility Planning

- A Part 150 study is a process
- Part 150 submissions have two formal elements:
 1. Noise Exposure Map (NEM)
 2. Noise Compatibility Program (NCP)
- Public involvement is equally important
- FAA accepts NEMs and approves NCP measures

Thank You!



**Airport
Teterboro**

THE PORT AUTHORITY OF NY&NJ

TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE

2013 Year End Report

Gabriel Andino,

Manager - Noise Abatement & Environmental Compliance

Timothy Middleton,

Assistant Manager - Noise Abatement & Environmental Compliance

Michael Fiscus,

Noise Abatement & Environmental Compliance Specialist

TETERBORO
AIRCRAFT
NOISE ABATEMENT
ADVISORY
COMMITTEE

January 22, 2014

- Introduction
- Overview of TANAAC
- Old Business
 - Committee Chair Reports
- Introduction to “Understanding Noise and its Measurement”
 - Noise Measurement Metrics and Airport Noise Rules
- New Business
 - Noise Abatement Manager’s Full Year Report
 - Aircraft Activity
 - Noise Readings
 - Noise Complaints
 - Aircraft Noise Violations
- Committee Members’ Proposals
- General Discussion
- Adjournment

Super Bowl XLVIII at MetLife Stadium

- **Sunday, February 2, 2014**
- A significantly high volume of air traffic on the days leading up to the game and especially in the immediate hours and day after the game is expected.
- Prior Permission Reservations are required for all aircraft arriving and departing Teterboro Airport between 6:00 AM on Wednesday January 29 until 6:00 AM on Tuesday February 4.
- We expect the Federal government will impose a Temporary Flight Restriction (TFR) for the airspace around MetLife Stadium. This means that no air traffic, other than military and law enforcement, will be permitted in the air around the Stadium or operate from area airports from approximately 2:00 PM to midnight.
- Once the TFR is lifted until 6:00 AM Monday morning, the airport's plan allows for only five arrivals per hour. The goal is to return the surrounding airspace back to a normal operation level as quickly as possible.
- Night of the Super Bowl, operations between the hours of 11:00 PM and 6:00 AM will not be monitored for compliance with the voluntary nighttime flight curfew in order to accommodate as many departures as possible. However, on all evenings prior to the Super Bowl the voluntary nighttime flight curfew will remain in effect.
- **The mandatory noise limits on all departures will not be lifted, excused, or modified for the Super Bowl.**
- It is up to flight crews to fly quietly and abide by the maximum allowable noise limits. Those who do not abide by these rules will be cited and subject to the three-strike rule which would ban the aircraft from operating at Teterboro airport after three violations.

TANAAC

- TANAAC (Teterboro Aircraft Noise Abatement Advisory Committee)
 - Established on February 26, 1987.
- The main purpose of the committee was to establish a meaningful dialogue between the airport community and the residential communities.
- The primary goal was to enhance the quality of life of the residents of local communities while insuring the efficient operation of the airport.
- Comprised of the locally elected officials and Members of the Aviation Community
- Mayors - Members of Congress - State Senators
- State Assembly members
- Bergen County Executive and Freeholder Chairperson
- Airport Manager - FAA Tower Manager
- Fixed Base Operators and Heads of Corporate Flight Departments
- Or their duly appointed alternate (a letter appointing an alternate must be submitted by the official member)
- One vote per member with the exception of:
 - Airport Manager
 - Airport Manager only votes in the case of a tie
- The general public may attend as observers of the proceedings
- Meetings are not open to the press

Teterboro Airport Noise Rules

■ Maximum Noise Levels

■ Runway 24:

- 80 dB(A) Between the hours of 2200L and 0700L
- 90 dB(A) Between the hours of 0700L and 2200L

■ Runway 01,06, & 19:

- 95 dB(A) All Hours.

■ Helicopter Departure Routes:

- 95 dB(A) All Hours.

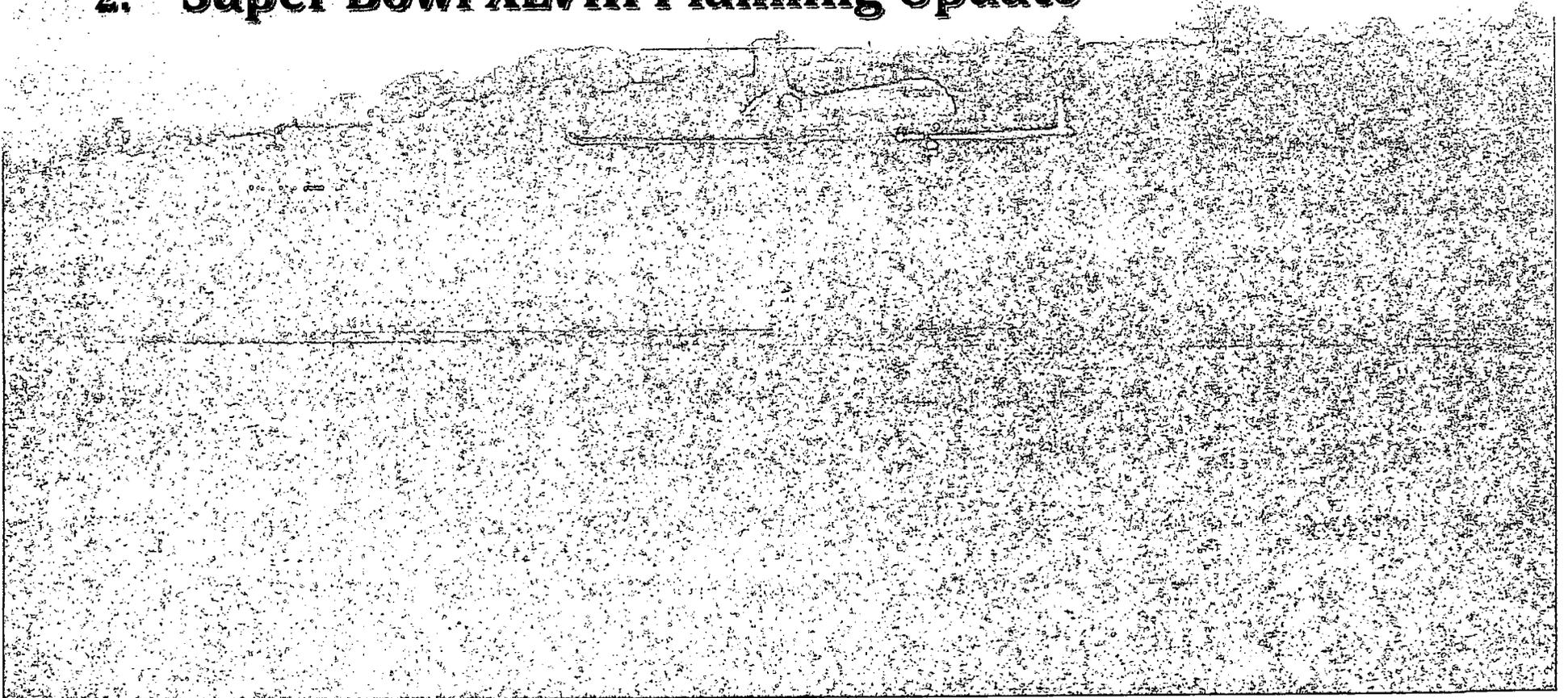
- If a departure from Teterboro is measured to be in excess of the Maximum Noise Level associated with the runway used for that operation a violation shall be mailed to the owner of the aircraft.

First and Second violations shall be kept for two years (from the date of the violation), upon second anniversaries of violations they are downgraded or expunged, depending on 1st or 2nd

A Third Violation within a two year period results in the permanent banishment of that aircraft from operation at Teterboro Airport

Old Business

1. **Proposed New Runway 19 Approach**
2. **Super Bowl XLVIII Planning Update**



Committee Chair Reports

Legislative:

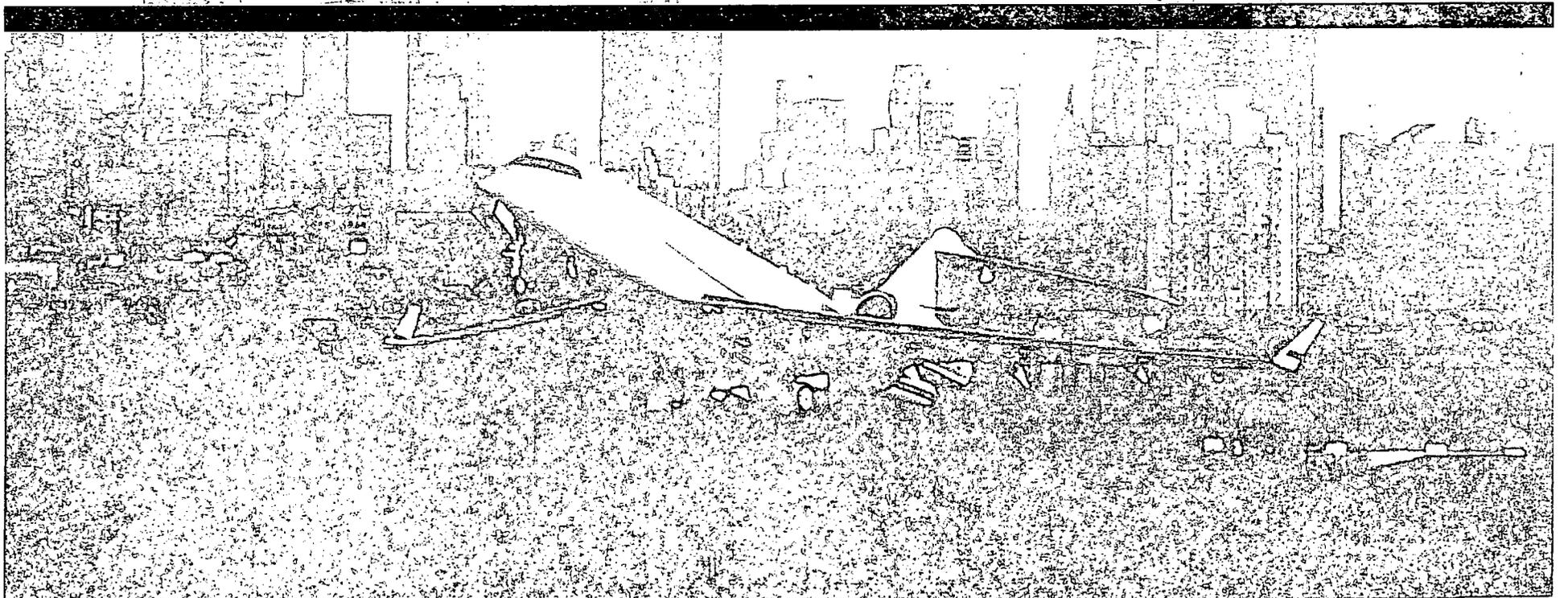
**The Honorable Rose Heck
The Honorable Fred Dressel**

Complaints:

Ms. Corrine Wehrle



New Business



Brüel & Kjær WebTrak

THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

Start Here: [Investigate](#) | [Legend](#) | [Help](#)

Quick Start Guide

Using WebTrak you can track the flight activity in to and out of The Port Authority of New York & New Jersey, along with information about each aircraft.

Aircraft | [Map](#) | [Controls](#) | [Noise](#) | [Tags](#) | [Panels](#)

Aircraft

Aircraft are color-coded to show whether they are arrivals, departures or over flights. Please refer to Legend tab for details of color usage.



The line trailing behind each aircraft shows where it flew in the last 30 seconds.

[Other Colors...](#)

WebTrak, which is operational at over 55 airports worldwide, enables communities to view and investigate aircraft flight tracks around their local airport. It's an efficient way for airports to build their communities' understanding of airport operations, improve accessibility to aircraft noise information and to build trust between the community and airport.

Flights | [Display](#) | [Prefs](#) | [Address Lookup](#)

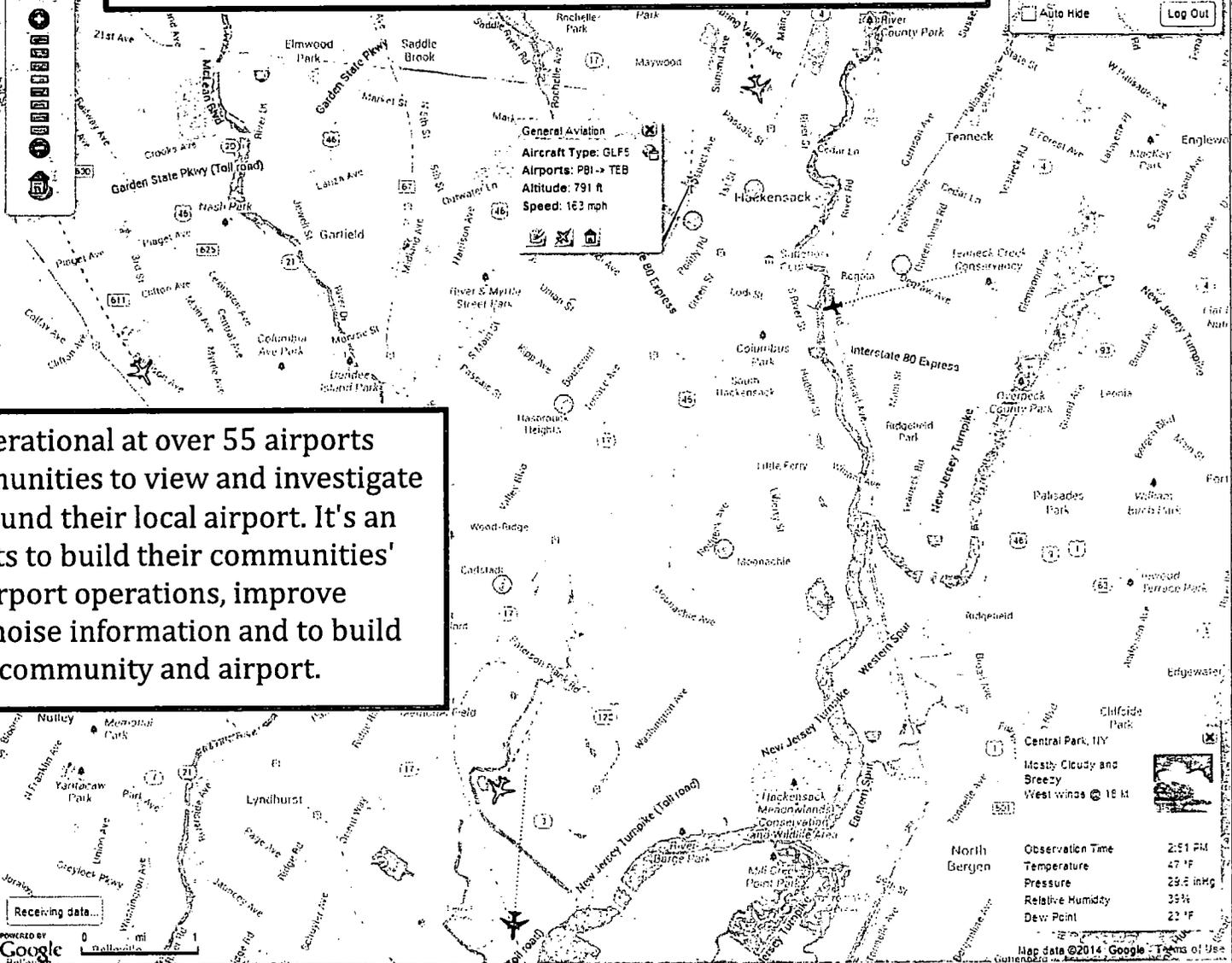
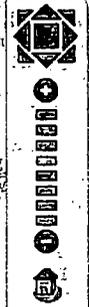
Mode Show current flights Historical

Date to load: 01/20/2014

Flights by hour for Jan 20 2014



Time to start replay: 3 | 01:01 PM | Set



Admin Panel
 Translate Mode
 Auto Hide

Receiving data...
 POWERED BY Google

Jan 20 2014 3:31:56 PM

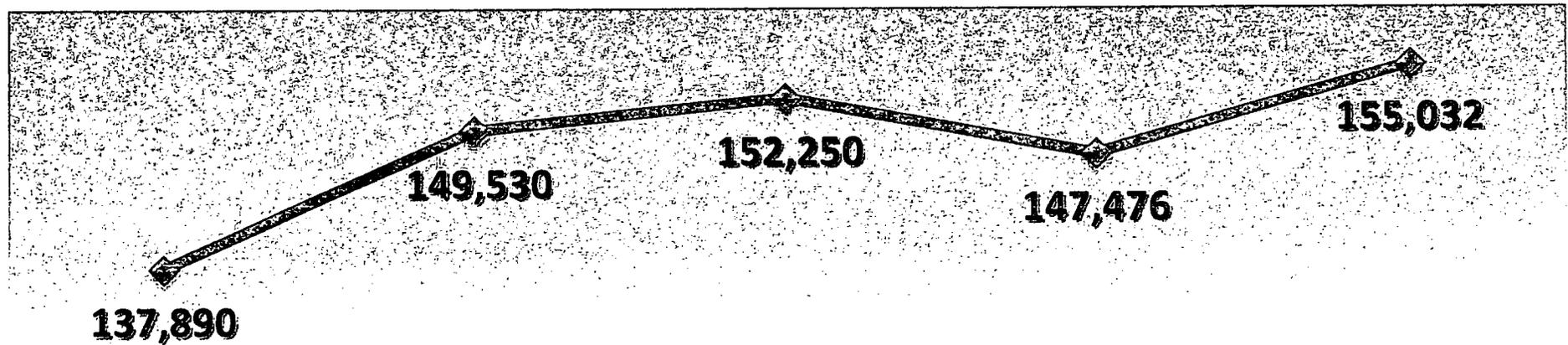
Central Park, NY
 Mostly Cloudy and Breezy
 West winds @ 18 kt
 Observation Time: 2:51 PM
 Temperature: 47 °F
 Pressure: 29.8 inHg
 Relative Humidity: 35%
 Dew Point: 22 °F
 Map data ©2014 Google - Terms of Use

National Business Aviation Association Conference – October 2013

- October 22-24, 2013
- Briefed Owners and Operators on:
 - Airport Noise Rules
 - Super Bowl Preparations
 - Airport Information
 - NextGEN Technology initiatives
 - Voluntary Flight Curfew

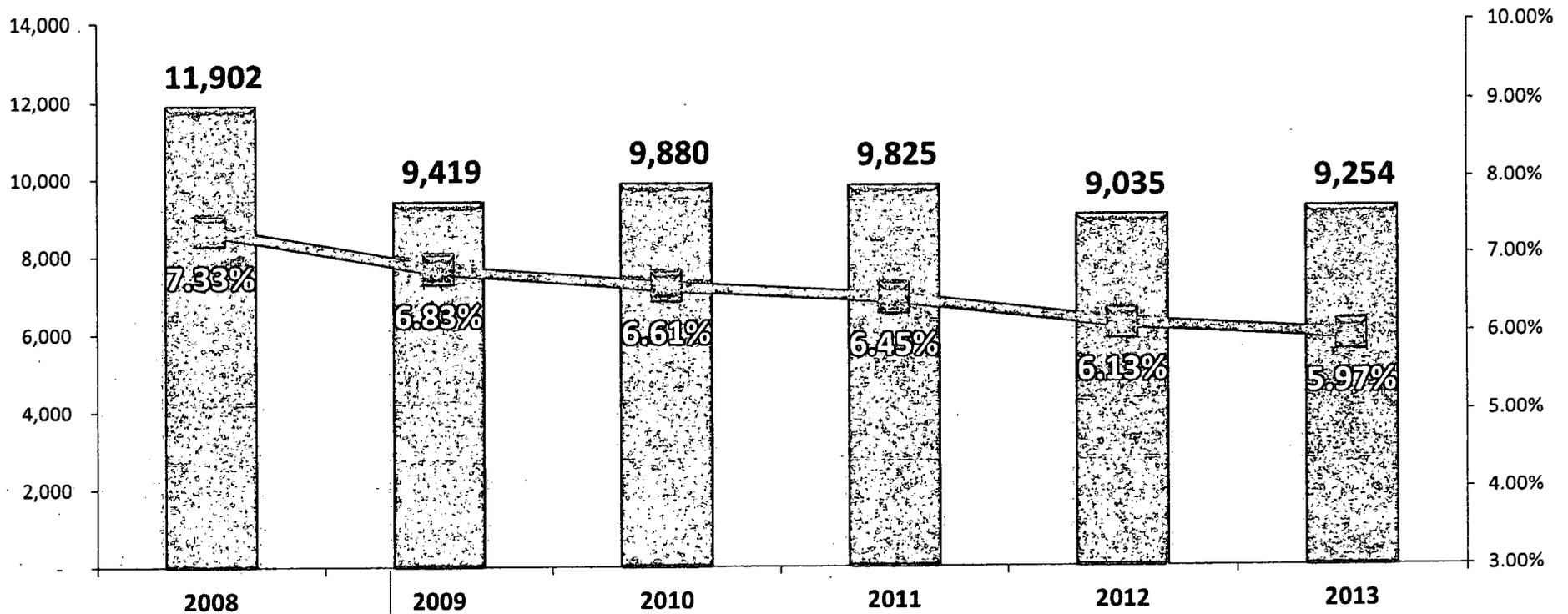


Airport Activity Report – Full Year



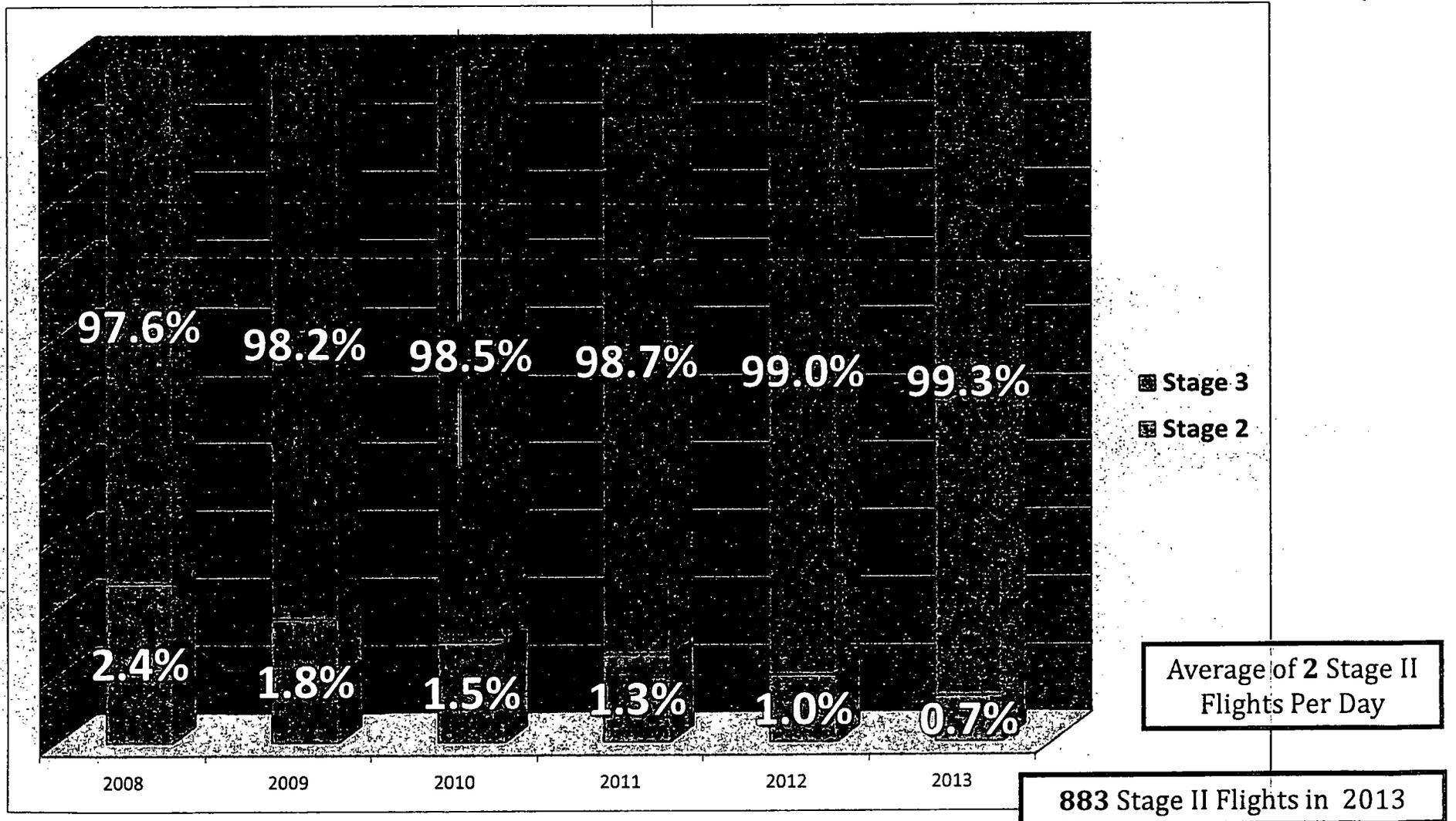
	2009	2010	2011	2012	2013	Change			
	Movements					2009/2010	2010/2011	2011/2012	2012/2013
Props	12,051	11,418	9,748	8,508	7,159	-5.25%	-14.63%	-12.72%	-15.86%
Turbo Props	10,302	10,820	11,297	11,856	11,234	5.03%	4.41%	4.95%	-5.25%
Helicopters	9,390	9,619	8,203	6,658	7,549	2.44%	-14.72%	-18.83%	13.38%
Jet Movements	105,711	117,193	122,514	120,140	128,608	10.86%	4.54%	-1.94%	7.05%
Total	137,890	149,530	152,250	147,476	155,032	8.44%	1.82%	-3.14%	5.12%

Airport Activity Report: Night Time Movements (11:00pm-6:00am)

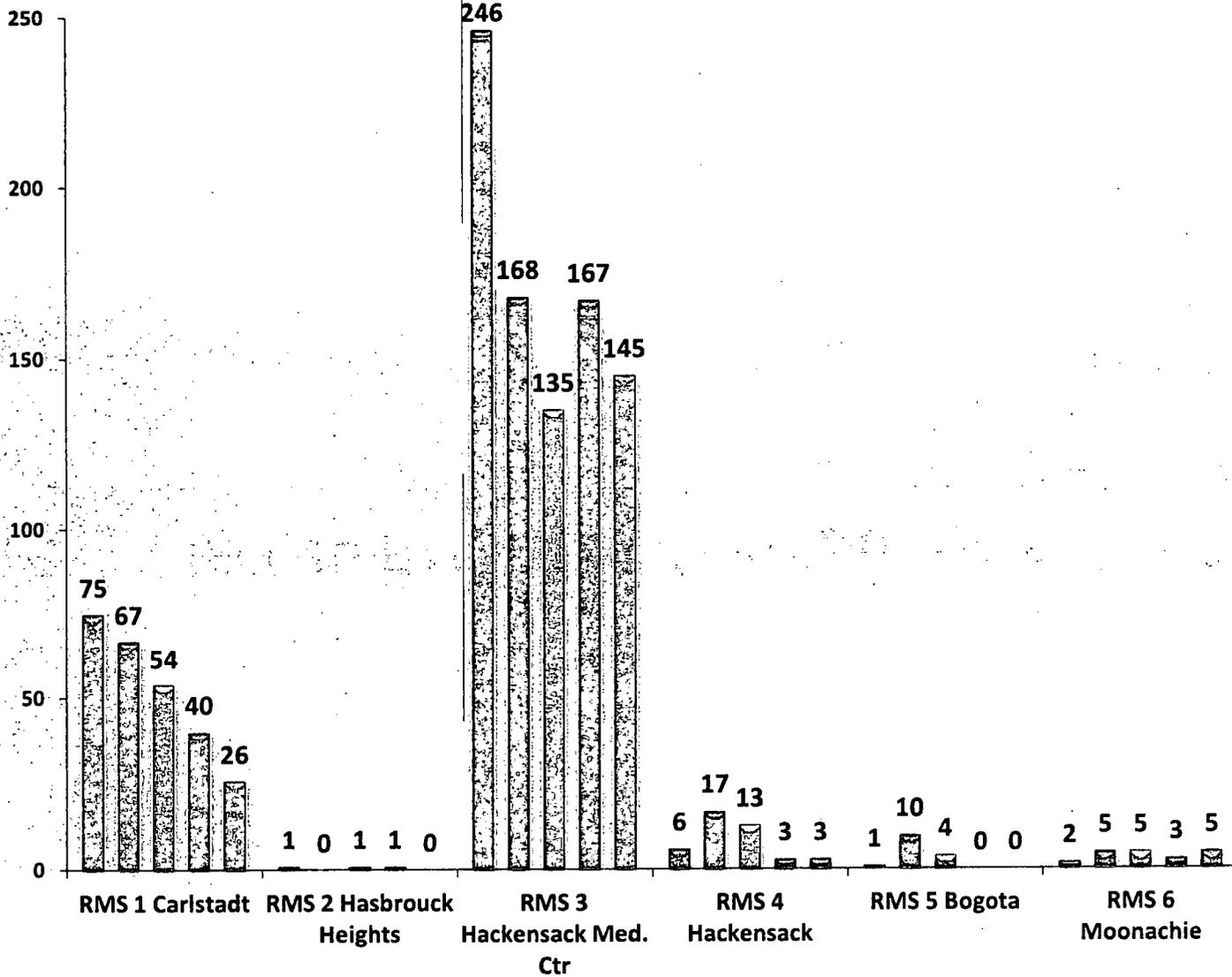


Three Quarter Year	Night Time Aircraft Movements	Total Aircraft Movements	Percentage of Total Movements @ Night
2008	11,902	162,433	7.33%
2009	9,419	137,890	6.83%
2010	9,880	149,530	6.61%
2011	9,825	152,250	6.45%
2012	9,035	147,476	6.13%
2013	9,254	155,032	5.97%

Jet Aircraft Traffic by Stage – Full Year



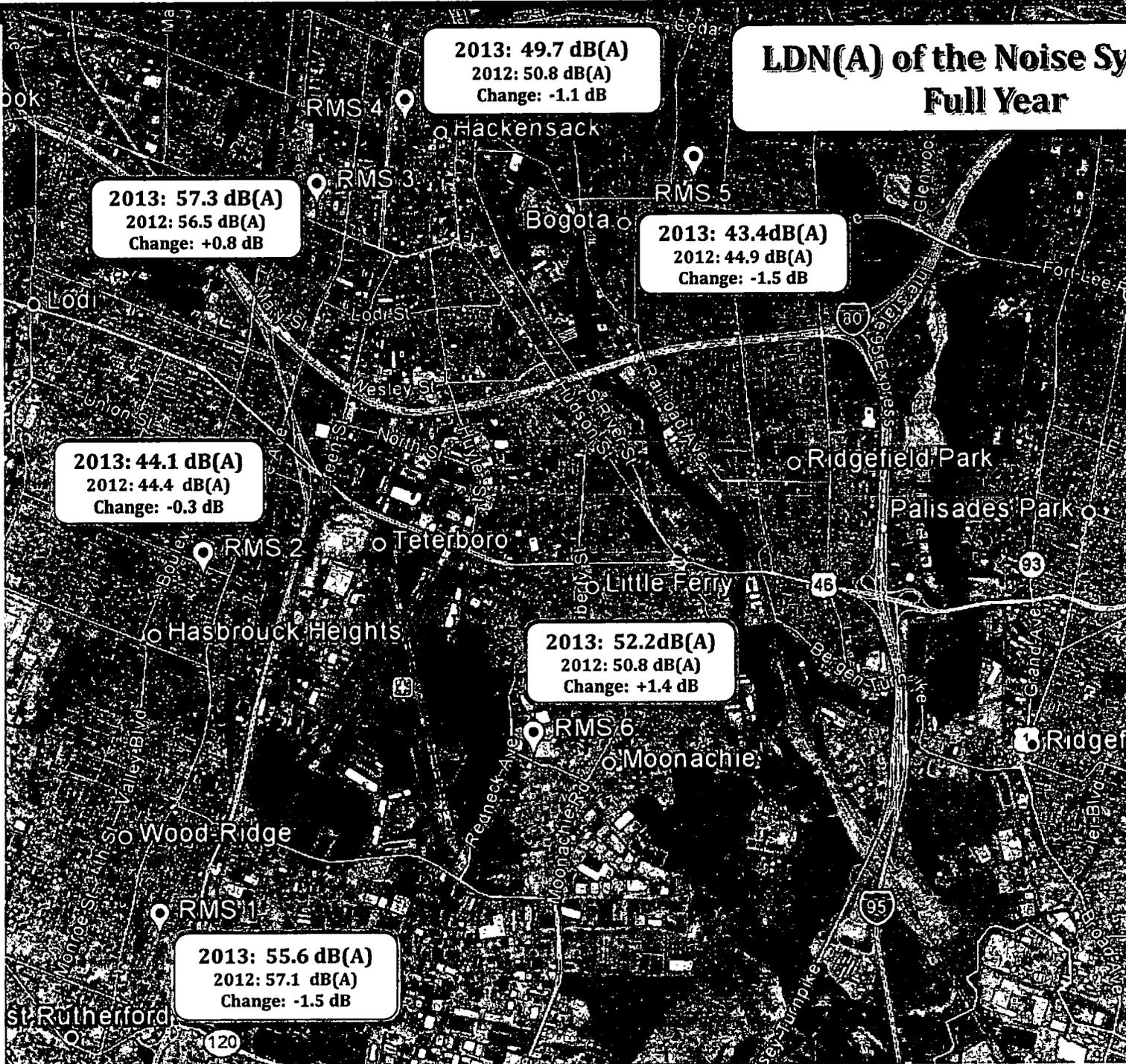
Noise Events Above 90 dB(A) – Full Year



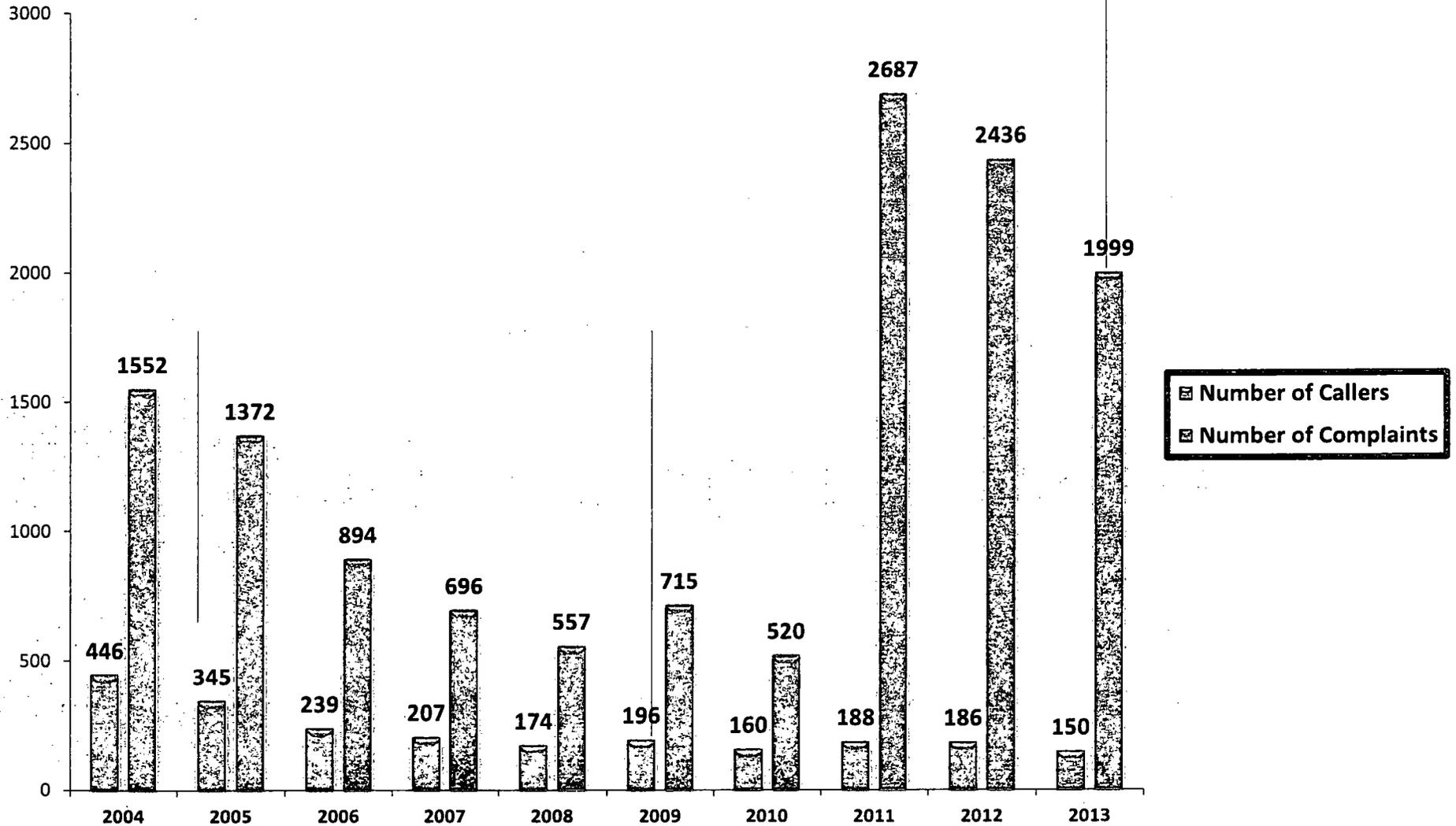
■ 2009 Above 90 dB(A)
 ■ 2010 Above 90 dB(A)
 ■ 2011 Above 90 dB(A)
 ■ 2012 Above 90 dB(A)
 ■ 2013 Above 90 dB(A)

Average of 1 event over 90 dB(A) every two days.

LDN(A) of the Noise System : Full Year



Noise Complaints – Full Year

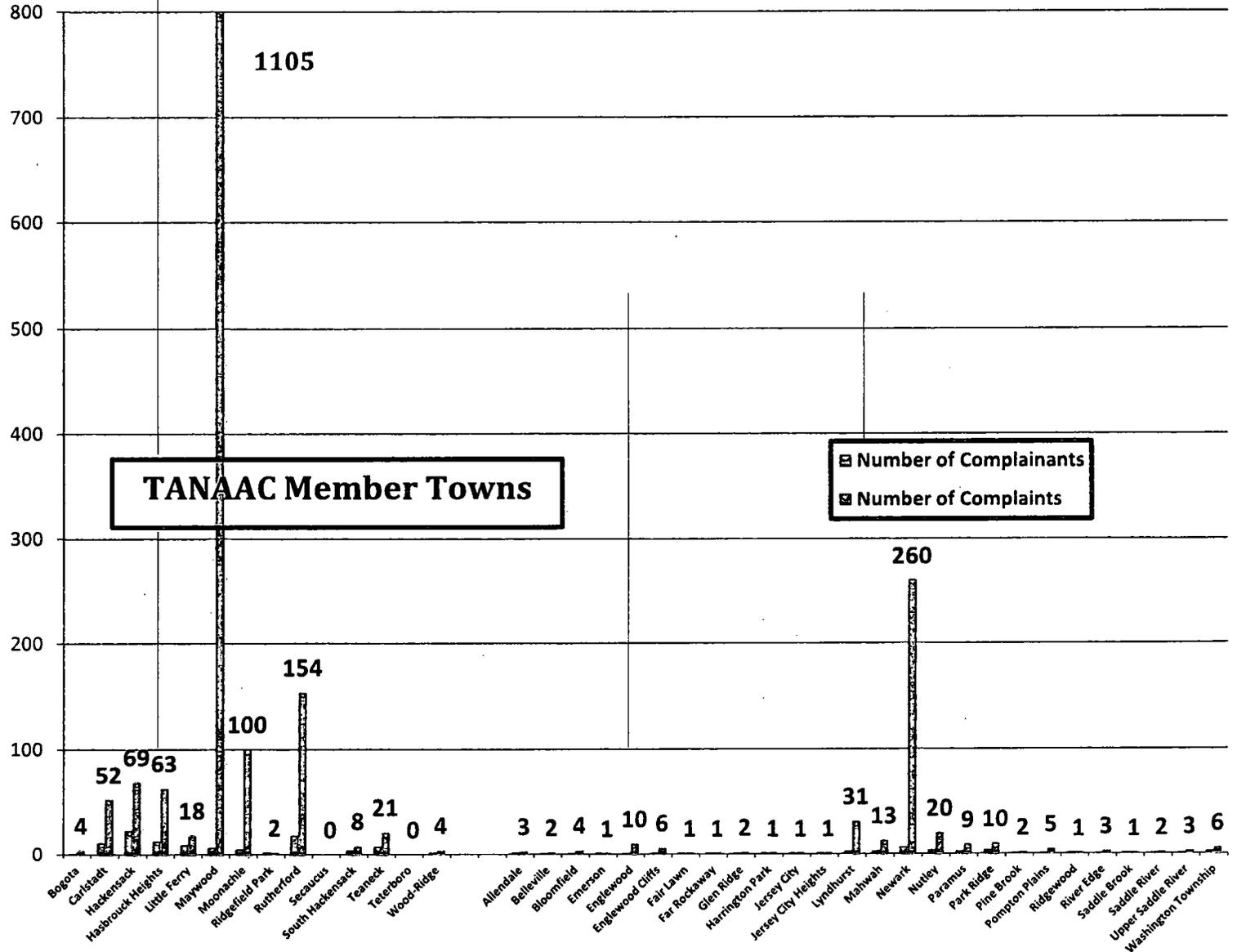


Complainants #

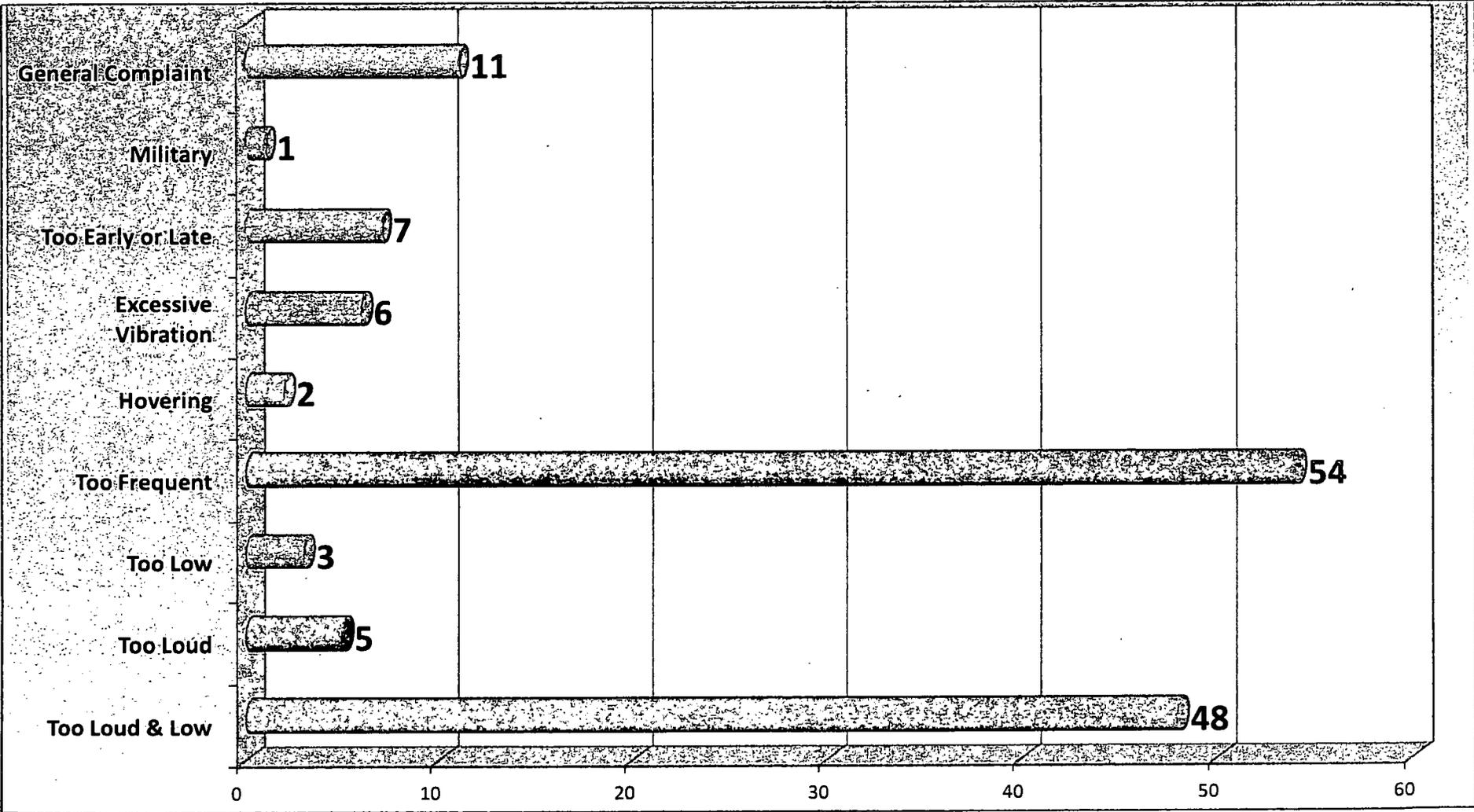
Bogota	1
Carlstadt	11
Hackensack	23
Hasbrouck Heights	13
Little Ferry	9
Maywood	7
Moonachie	5
Ridgefield Park	2
Rutherford	18
Secaucus	0
South Hackensack	4
Teaneck	8
Teterboro	0
Wood-Ridge	2

Allendale	2
Belleville	1
Bloomfield	1
Emerson	1
Englewood	1
Englewood Cliffs	1
Glen Ridge	1
Harrington Park	1
Jersey City	1
Jersey City Heights	1
Lyndhurst	1
Mahwah	1
Newark	3
Nutley	3
Paramus	7
Park Ridge	4
Pine Brook	3
Pompton Plains	4
Ridgewood	1
River Edge	1
Saddle Brook	1
Saddle River	1
Upper Saddle River	1
Washington Township	1

Noise Complaints By Town – Full Year



Fourth Quarter Complaints by Type



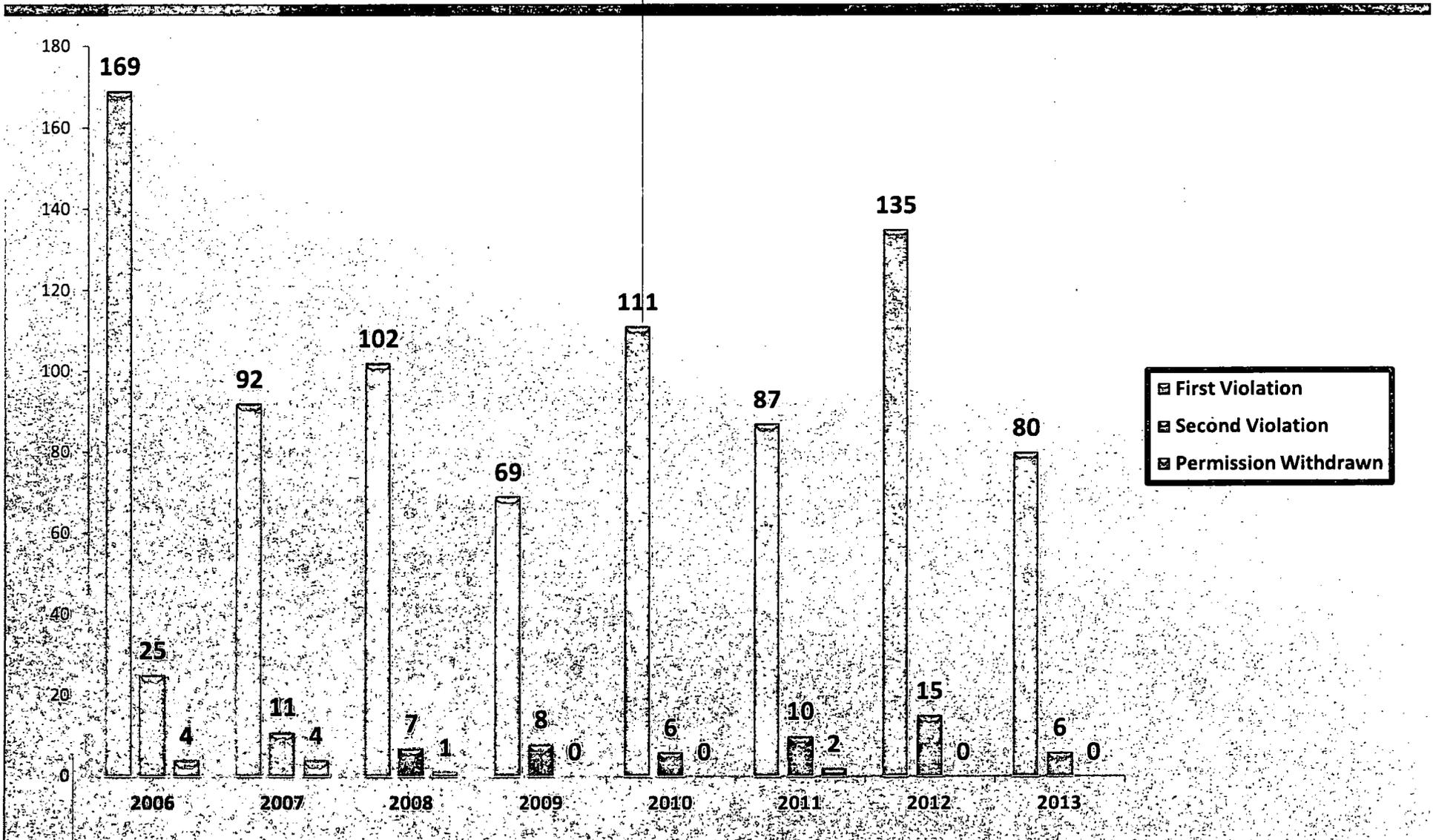
Complaint Locations Fourth Quarter



Blue Pins – Less than 3 calls
Yellow Pins – between 3 and 10 calls
Red pins – more than 10 calls

© 2013 Google
© 2013 Europa Technologies

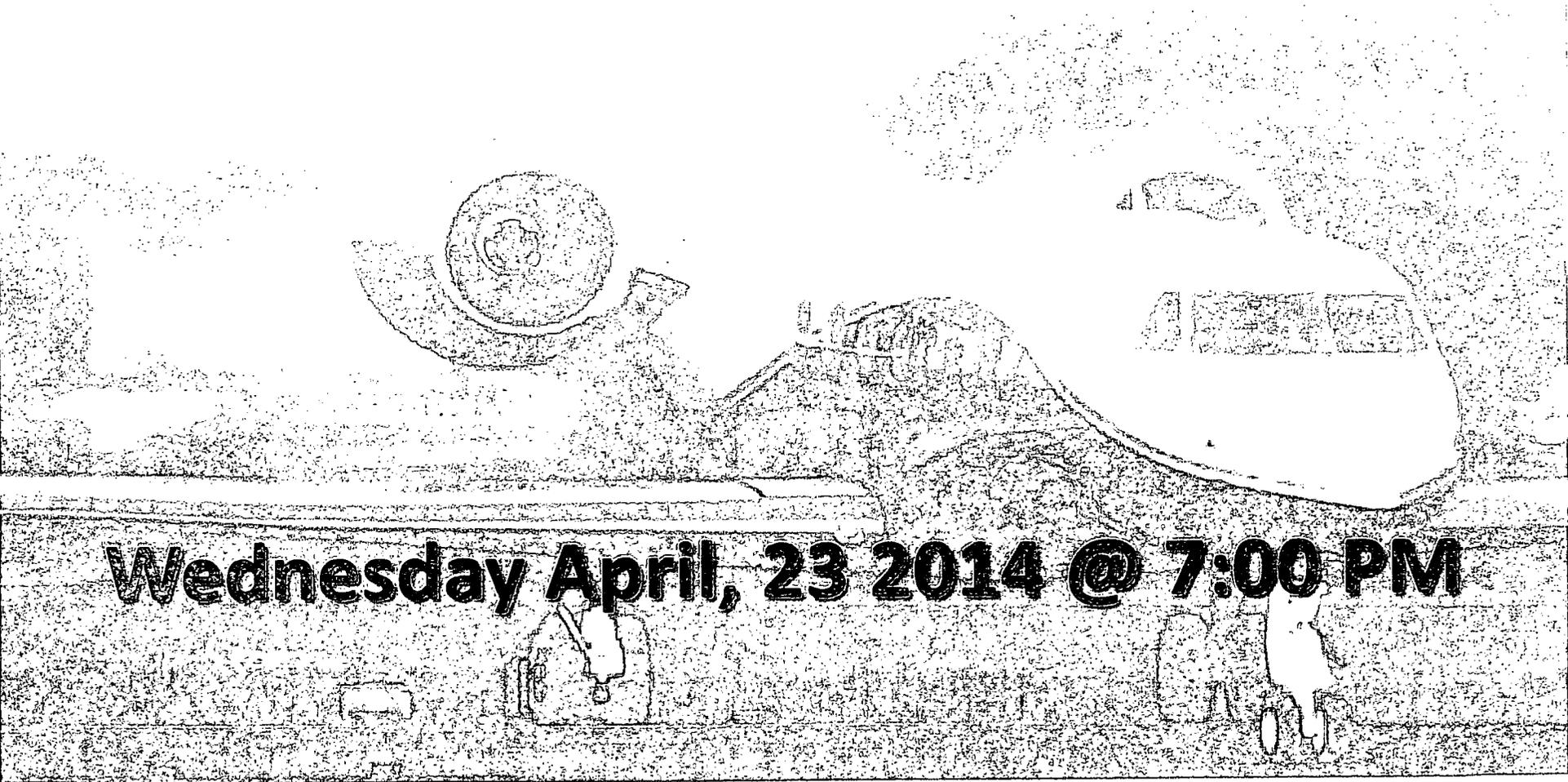
Aircraft Noise Violations – Full Year

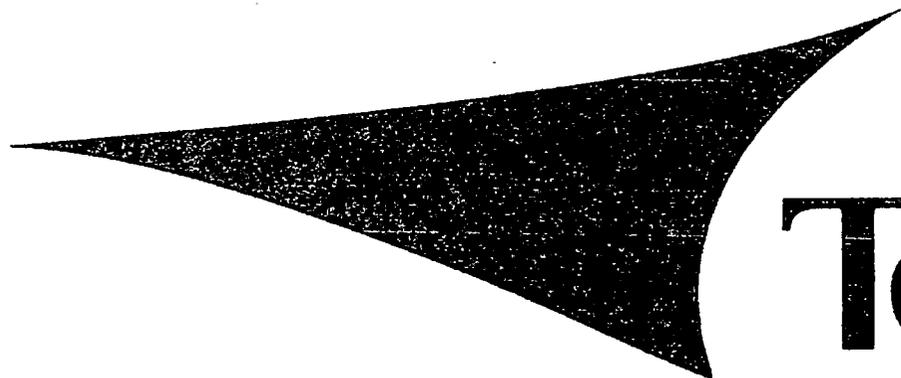


Thank You For Your Attention

**We Look Forward to Your Attendance at the
Next Scheduled Meeting on:**

Wednesday April, 23 2014 @ 7:00 PM





**Airport
Teterboro**

THE PORT AUTHORITY OF NY & NJ

TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE

2013 Half Year Report

Gabriel Andino,

Manager – Noise Abatement & Environmental Compliance

Timothy Middleton,

Assistant Manager – Noise Abatement & Environmental Compliance

Michael Fiscus,

Noise Abatement & Environmental Compliance Specialist

**TETERBORO
AIRCRAFT
NOISE
ABATEMENT
ADVISORY
COMMITTEE**

July 24, 2013

Introduction

Old Business

Committee Chair Reports

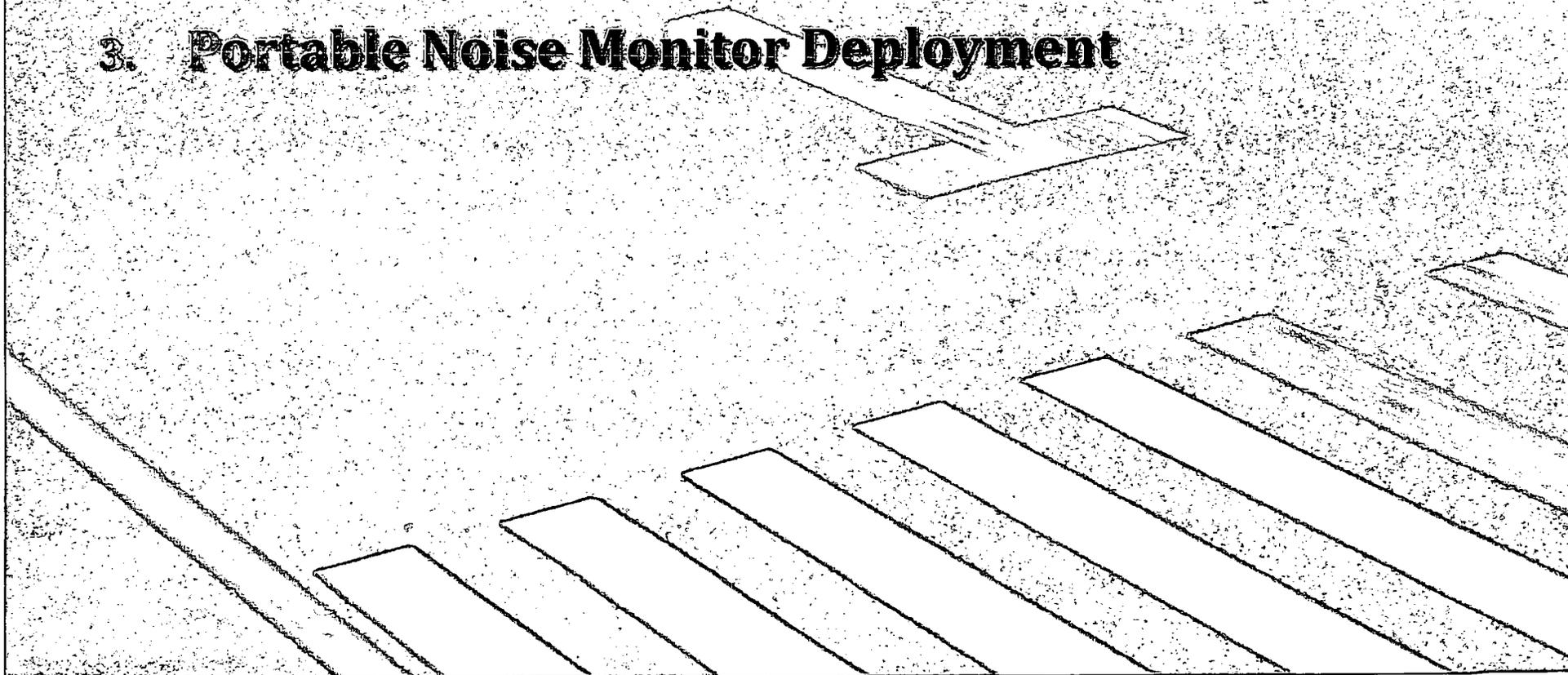
New Business

Good Neighbor Noise Abatement Awards

- Noise Abatement Manager's Half Year Report
 - Aircraft Activity
 - Noise Readings
 - Noise Complaints
 - Violation Letters
- Committee Members' Proposals
- General Discussion
- Adjournment and BBQ

Old Business

1. **Proposed New Runway 19 Approach**
2. **Visit to TRACON**
3. **Portable Noise Monitor Deployment**



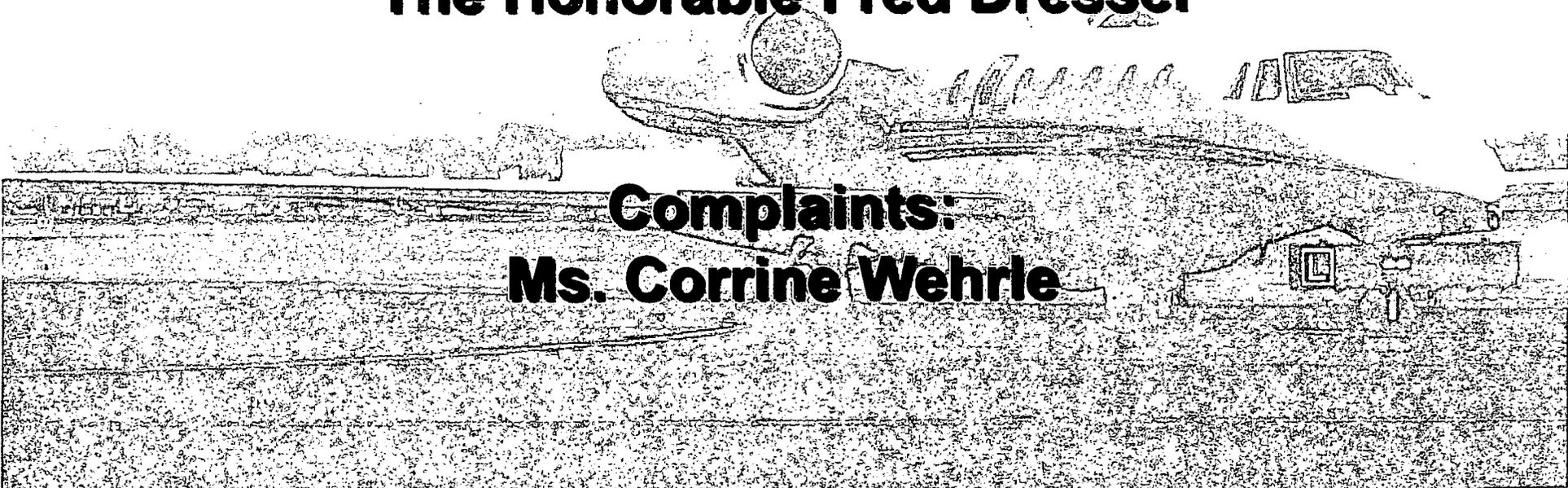
Committee Chair Reports

Legislative:

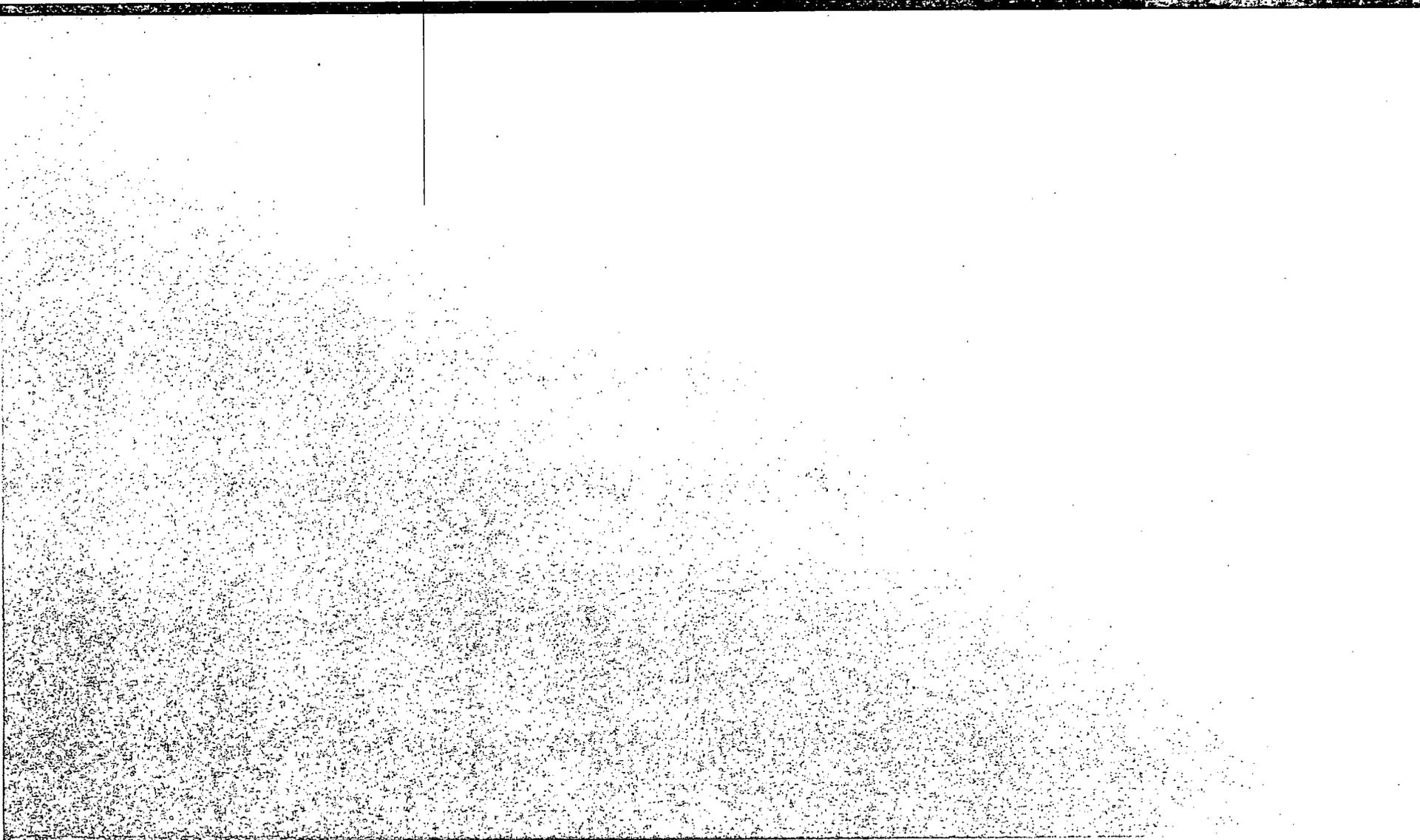
**The Honorable Rose Heck
The Honorable Fred Dressel**

Complaints:

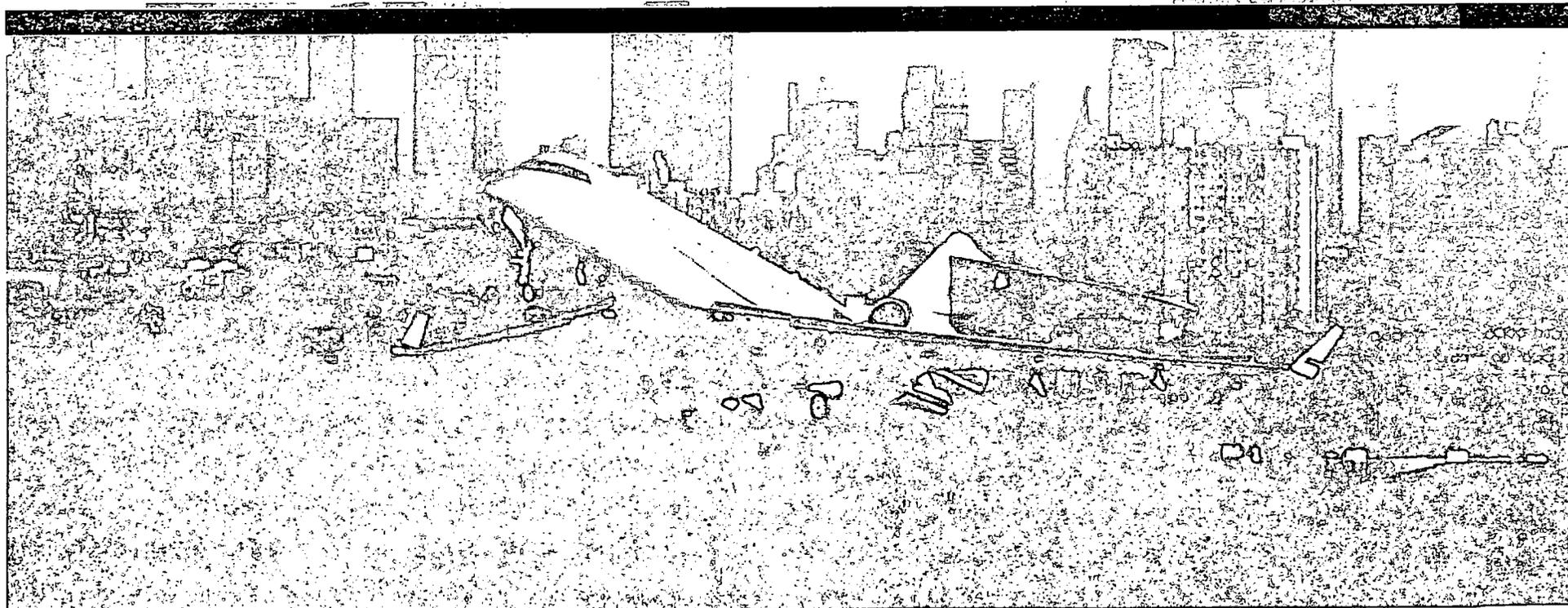
Ms. Corrine Wehrle



New Business



2012 Good Neighbor Noise Abatement Awards



2012 Good Neighbor Noise Abatement Awards

- Since 2003 TEB has recognized both based and non-based operators who have complied with mandatory and voluntary noise rules.
- Awards are given to companies and individuals flying Helicopter, Propeller, Turbo-Prop and Jet aircraft.
- Criteria for the Good Neighbor Award:
 - Based operator or non-based with over 100 movements during the year.
 - No noise limit violations or warnings.
 - 80 dB(A) on departures from Runway 24 between 22:00 and 07:00
 - 90 dB(A) on departures from Runway 24 07:00 and 22:00
 - 95 dB(A) from Runways 1,6 and 19 during all hours
 - No Stage II aircraft operations at TEB.
 - No flights between 23:00 and 06:00.
 - An individual award is also given to the jet operator with the lowest average sound level as measured by the TEB Airport Noise Monitoring System (ANMS)

2012 Good Neighbor Noise Abatement Awards

Ameriprise Financial, Inc.

Barnes & Noble, Inc.

Clear Channel Worldwide

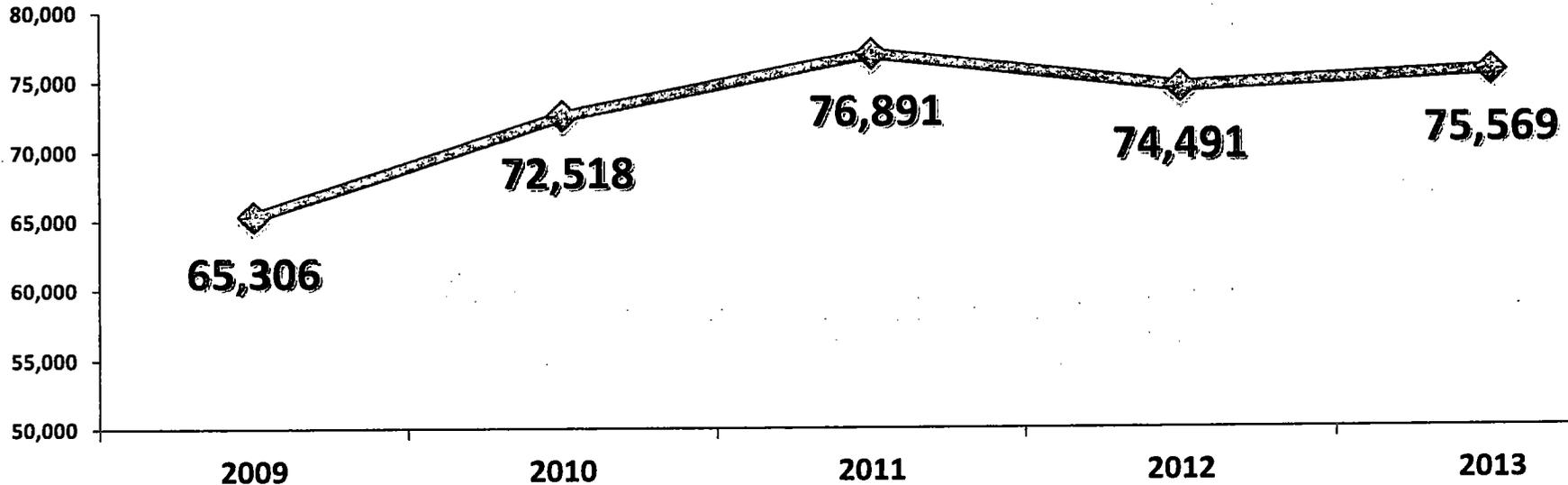
Eagle Air, Inc.

Meredith Corporation

R & F Wings, Inc.

White Mountains Capital, Inc.

Airport Activity Report – Half Year

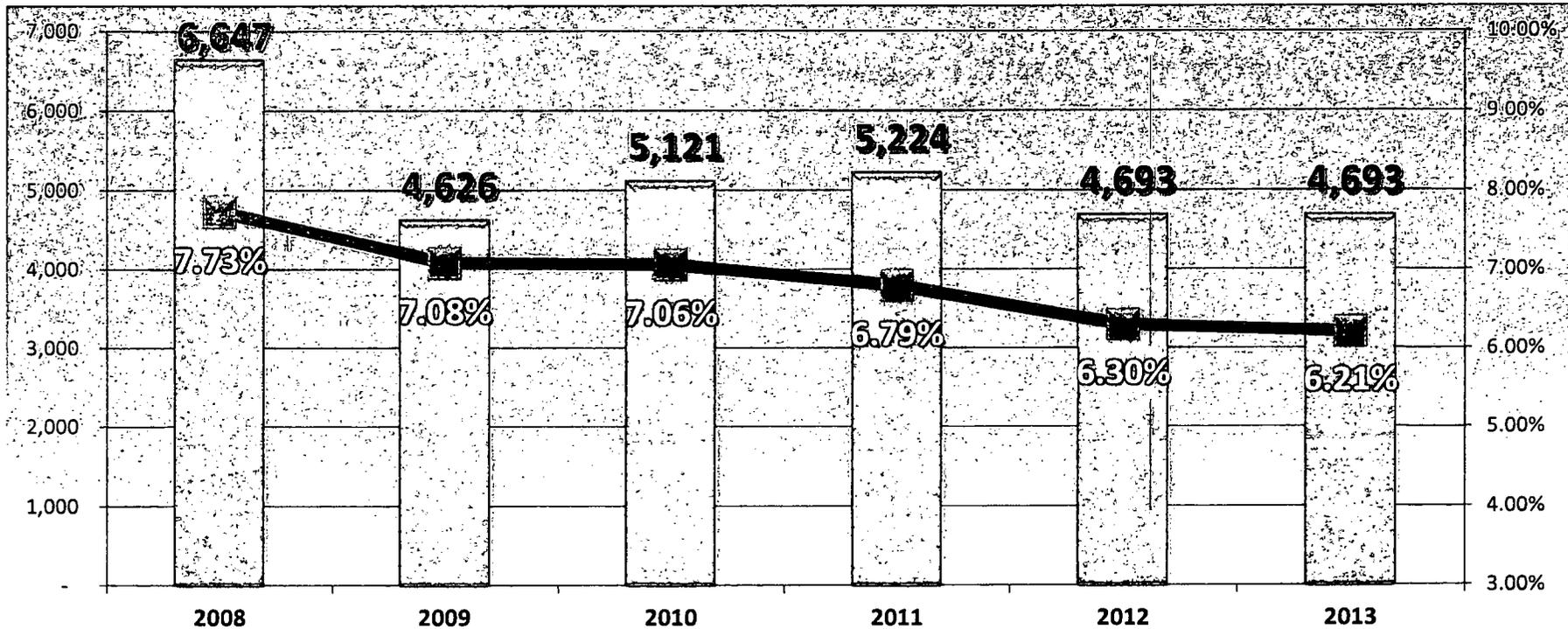


Movements

Change

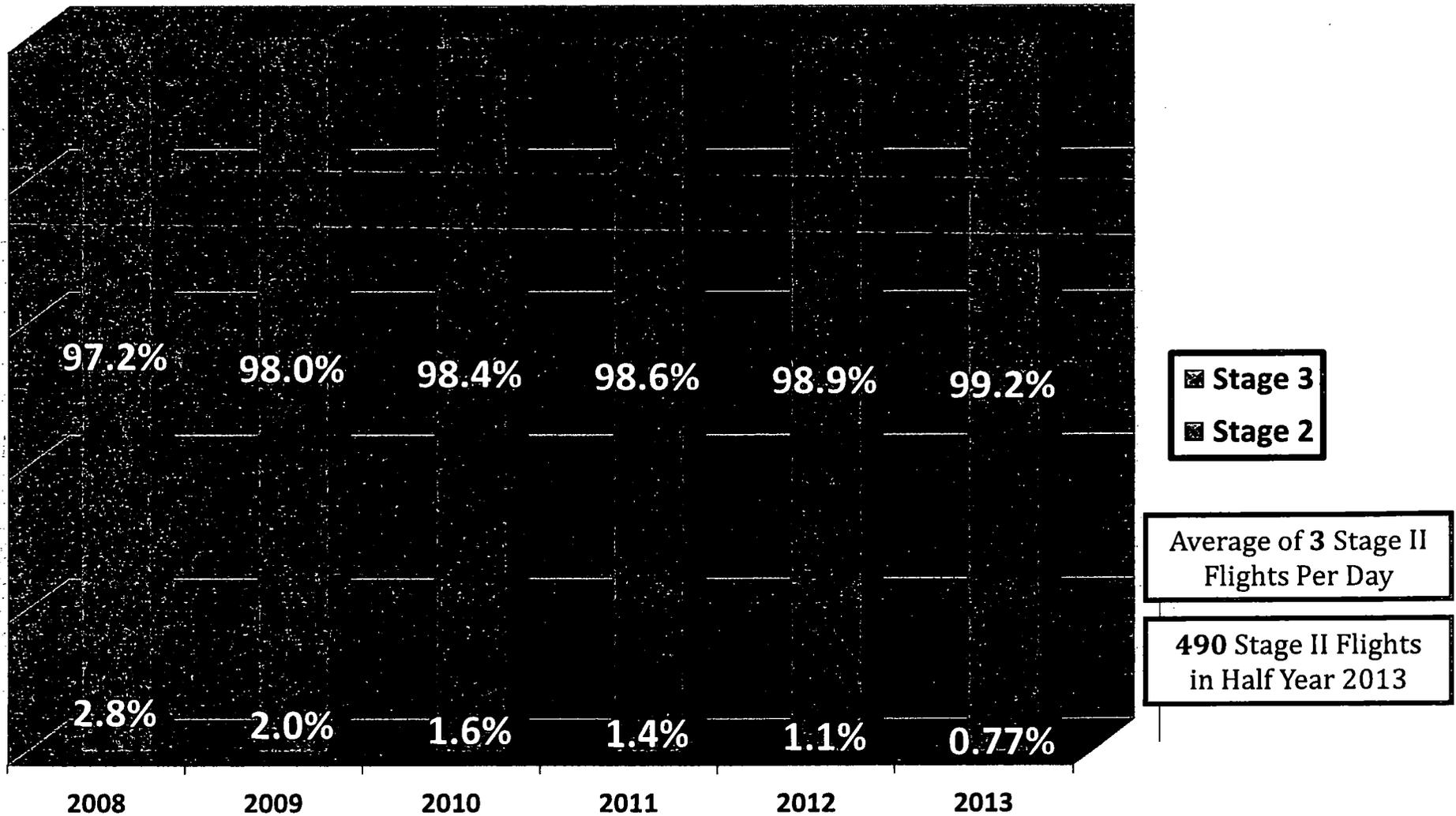
	2009	2010	2011	2012	2013	2009/2010	2010/2011	2011/2012	2012/2013
Props	5,733	5,352	4,524	4,507	3,189	-6.65%	-15.47%	-0.38%	-29.24%
Turbo Props	4,596	4,527	5,076	5,392	5,019	-1.50%	12.13%	6.23%	-6.92%
Helicopters	4,035	4,887	4,046	3,123	3,523	21.12%	-17.21%	-22.81%	12.81%
Jet Movements	50,736	57,498	63,005	61,307	63,554	13.33%	9.58%	-2.70%	3.67%
Total	65,306	72,518	76,891	74,491	75,569	11.04%	6.03%	-3.12%	1.45%

Airport Activity Report: Night Time Movements (11:00pm-6:00am)

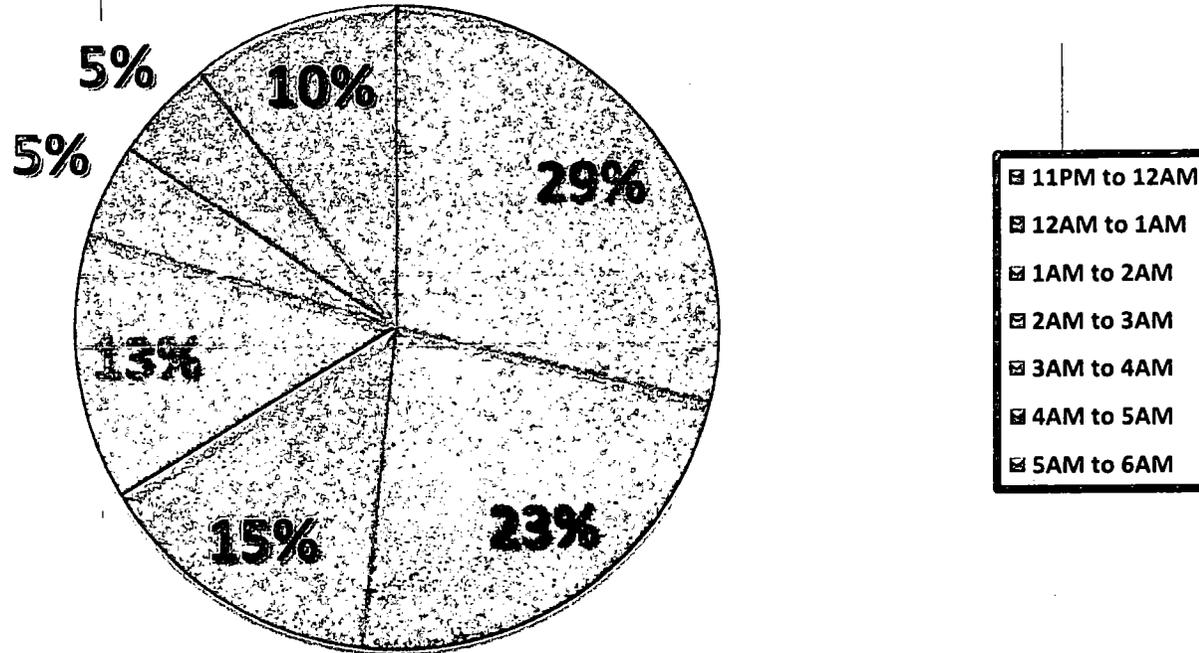


Half Year	Night Time Aircraft Movements	Total Aircraft Movements	Percentage of Total Movements @ Night
2008	6,647	86,006	7.73%
2009	4,626	65,306	7.08%
2010	5,121	72,518	7.06%
2011	5,224	76,891	6.79%
2012	4,693	74,491	6.30%
2013	4,693	75,569	6.21%

Jet Aircraft Traffic by Stage – Half Year

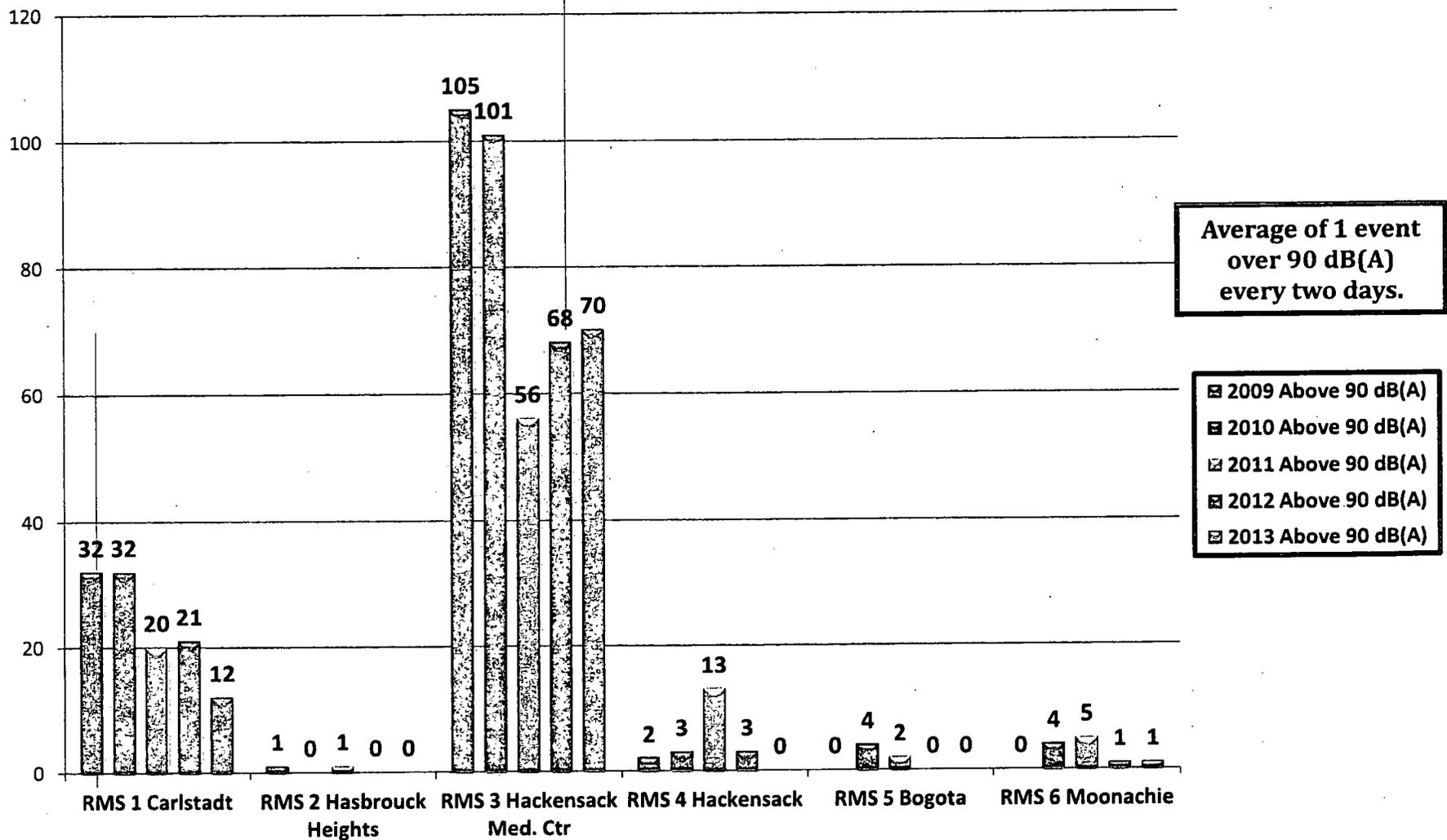


Night Operations By Hour – Half Year 2013

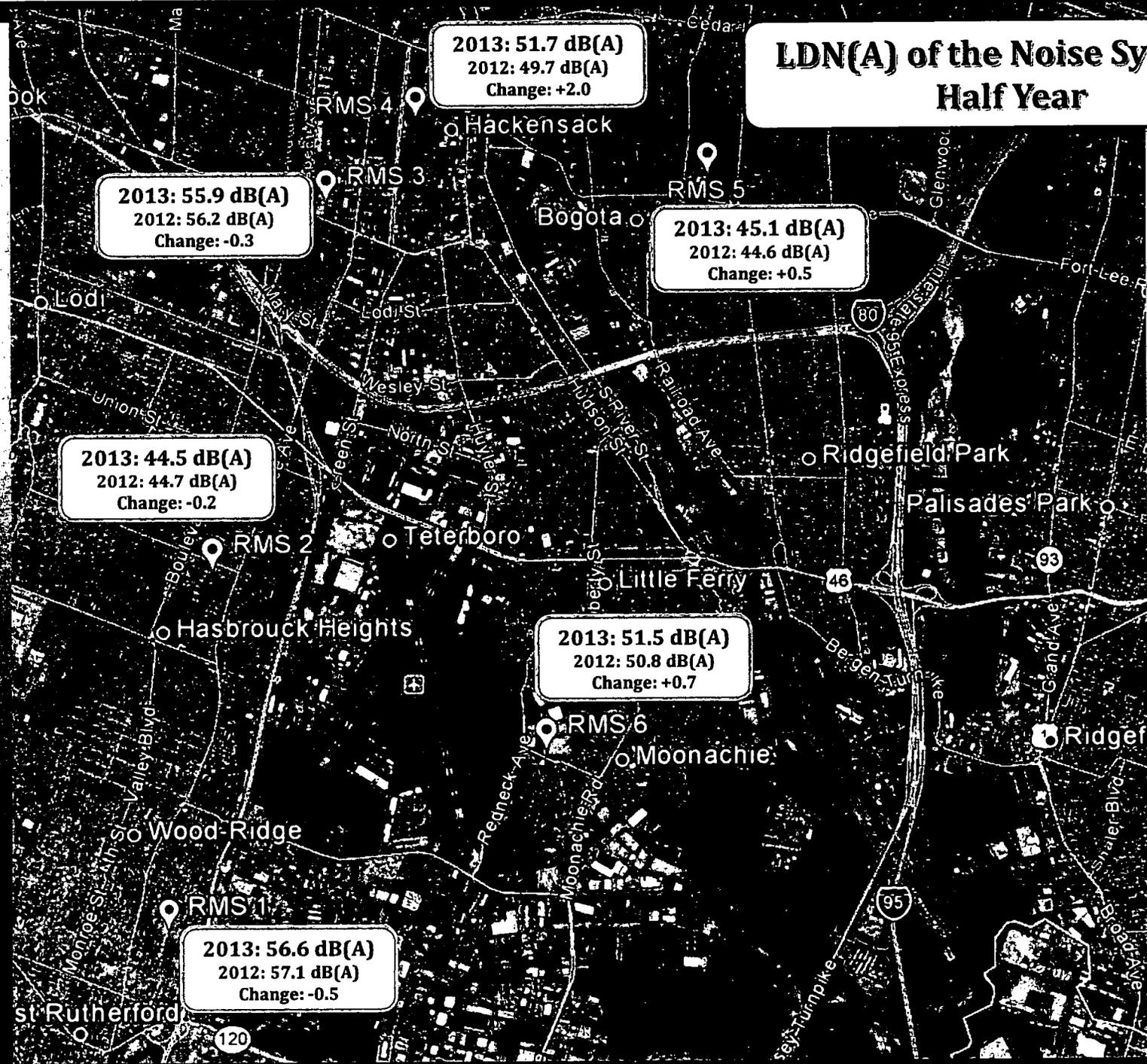


	Daily Average	Total	Percentage of Nighttime
11PM to 12AM	7	1354	28.9%
12AM to 1AM	6	1075	22.9%
1AM to 2AM	4	682	14.5%
2AM to 3AM	3	626	13.3%
3AM to 4AM	1	225	4.8%
4AM to 5AM	1	244	5.2%
5AM to 6AM	3	487	10.4%

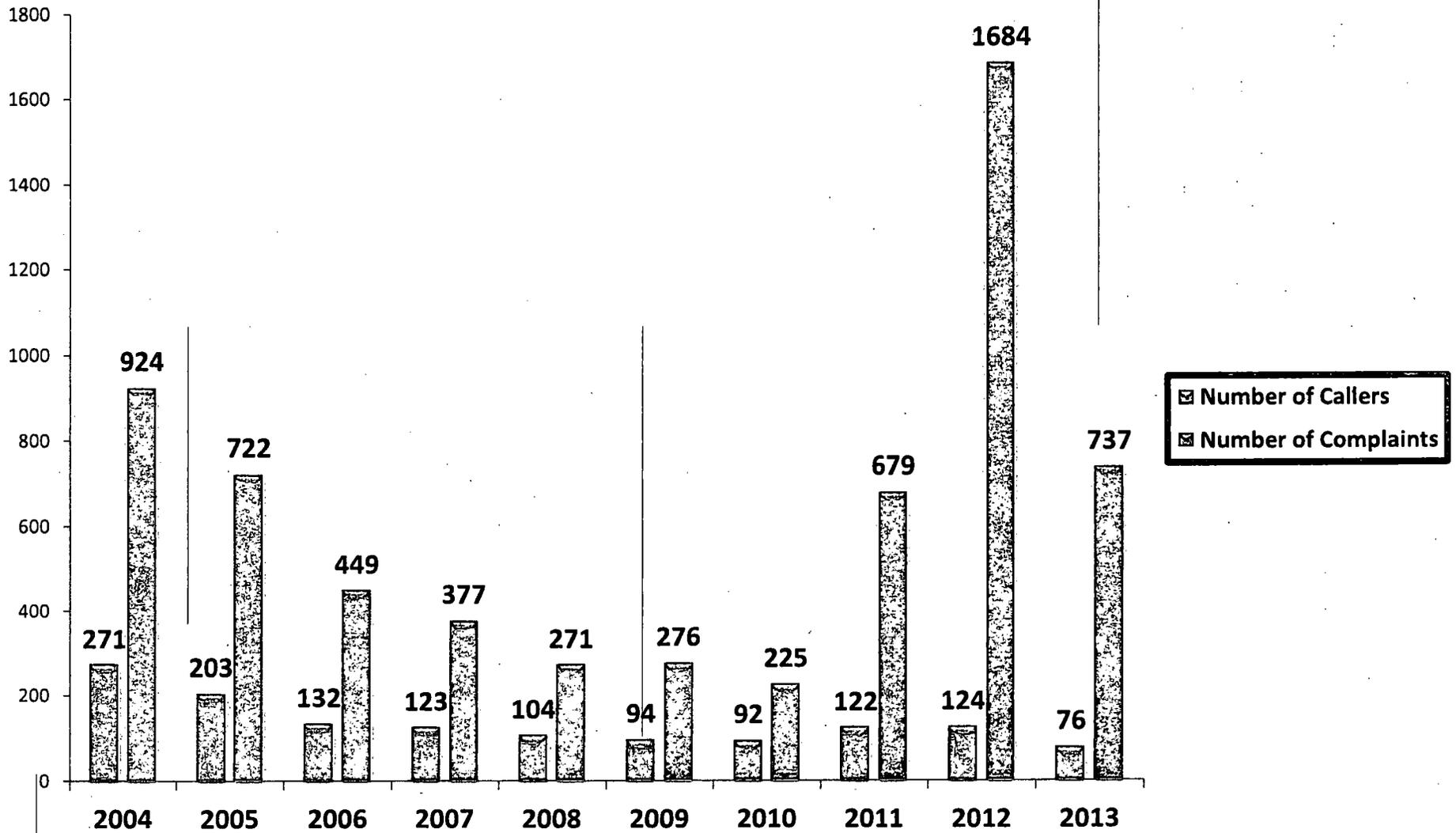
Noise Events Above 90 dB(A) – Half Year



LDN(A) of the Noise System : Half Year



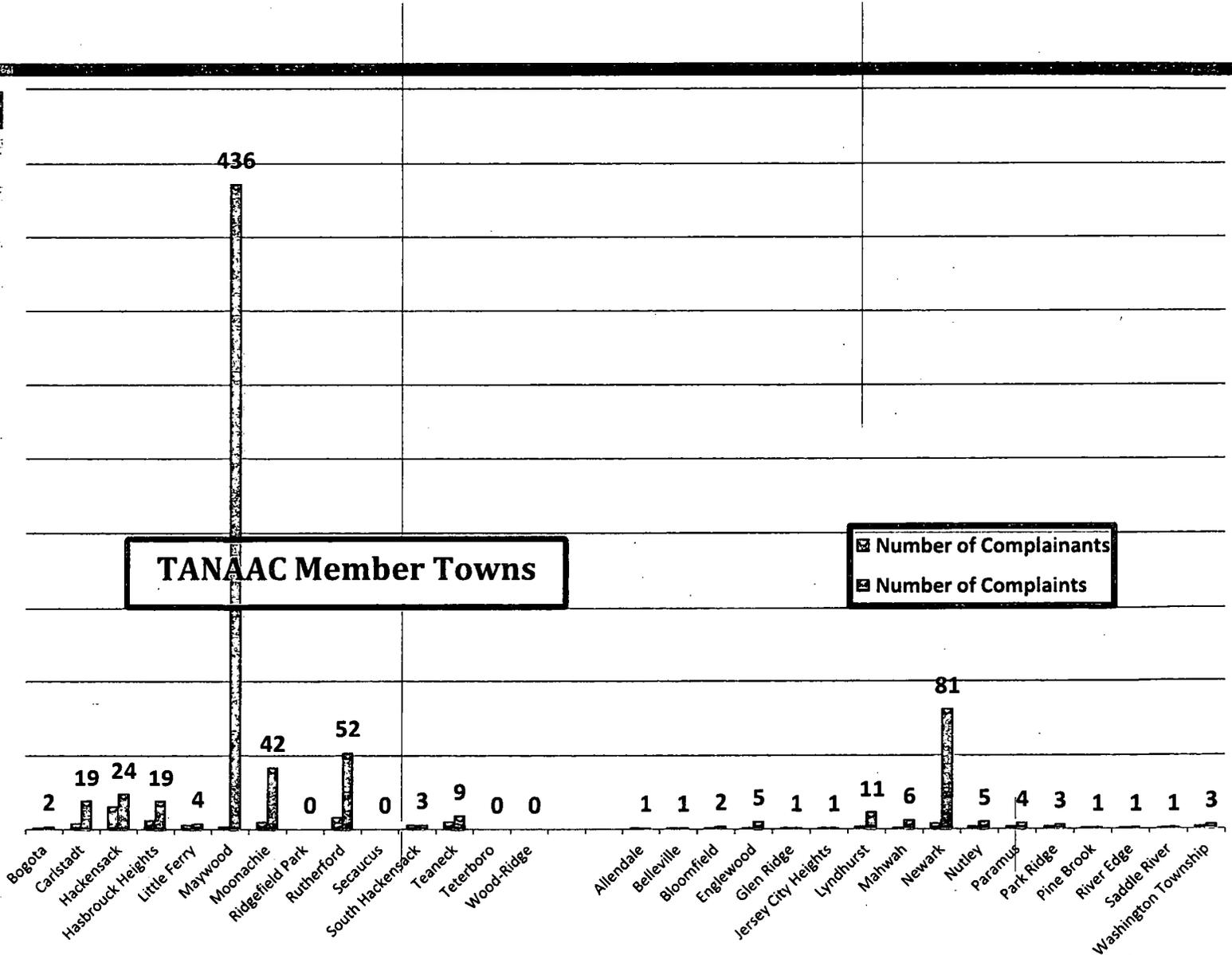
Noise Complaints – Half Year



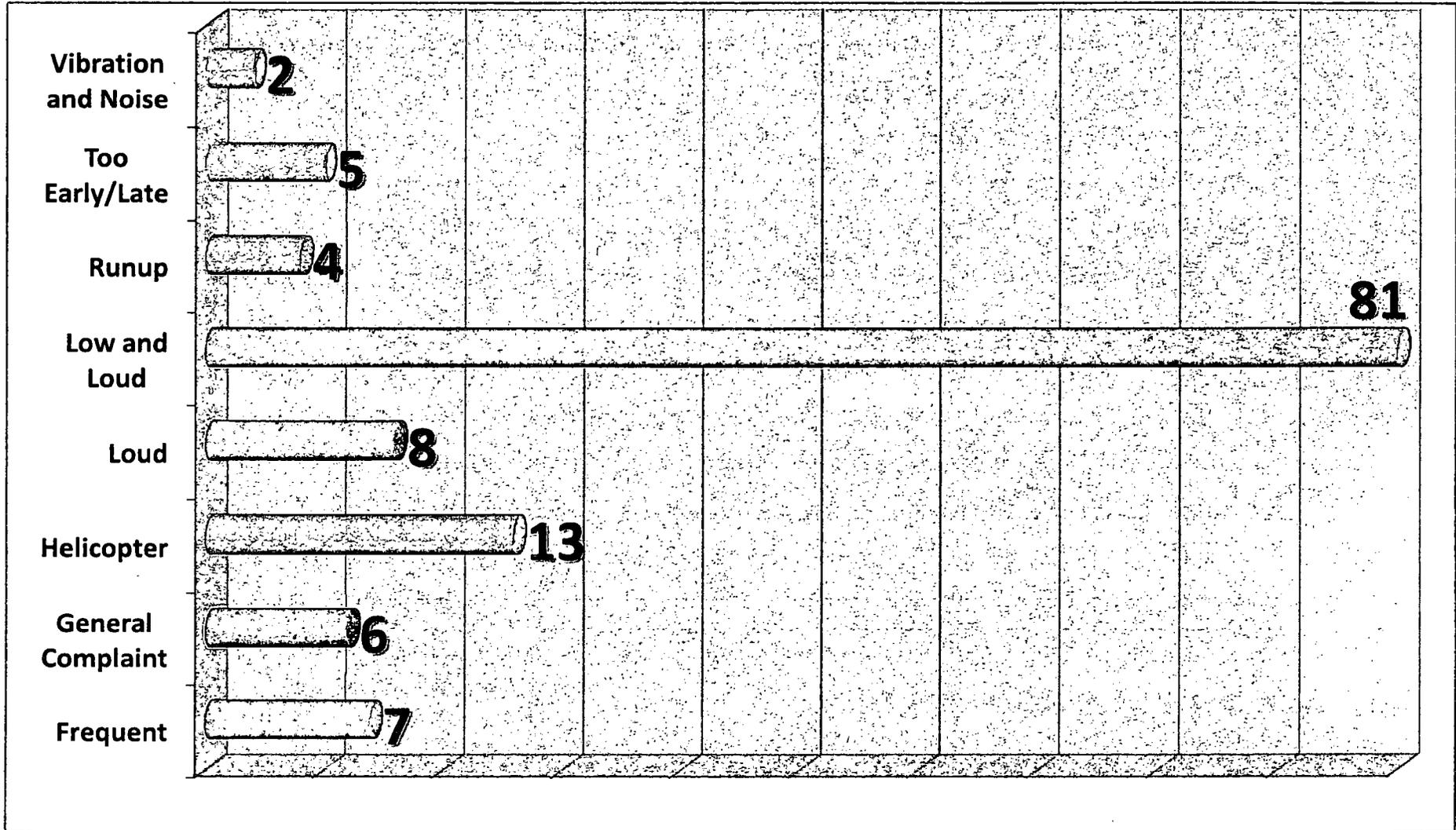
Noise Complaints By Town – Half Year

Complainants	#
Bogota	1
Carlstadt	4
Hackensack	15
Hasbrouck Heights	6
Little Ferry	3
Maywood	2
Moonachie	5
Ridgefield Park	0
Rutherford	8
Secaucus	0
South Hackensack	3
Teaneck	5
Teterboro	0
Wood-Ridge	0

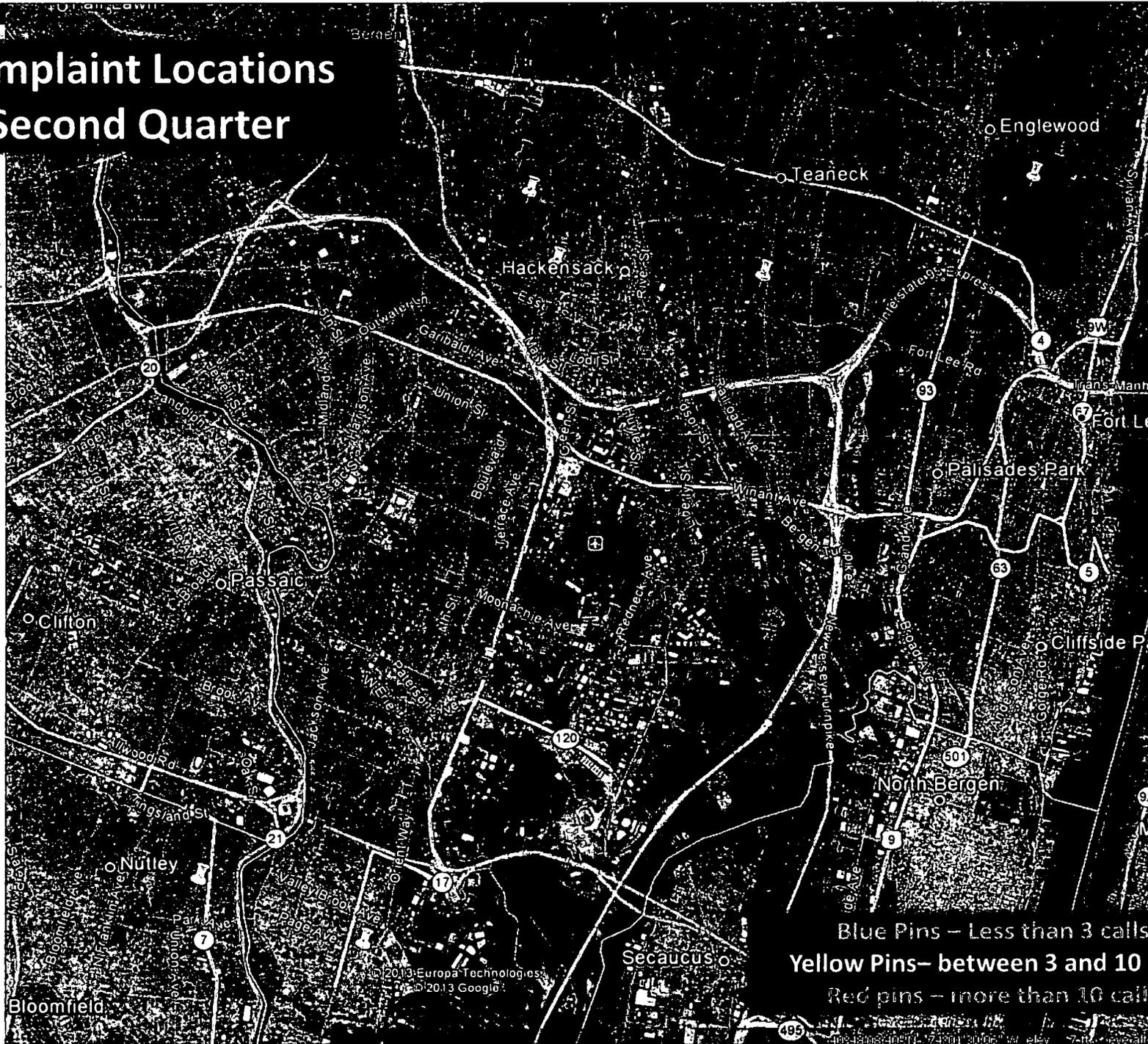
Allendale	1
Belleville	1
Bloomfield	1
Englewood	1
Glen Ridge	1
Jersey City Heights	1
Lyndhurst	2
Mahwah	1
Newark	4
Nutley	2
Paramus	2
Park Ridge	2
Pine Brook	1
River Edge	1
Saddle River	1
Washington Township	2



Second Quarter Complaint Breakdown

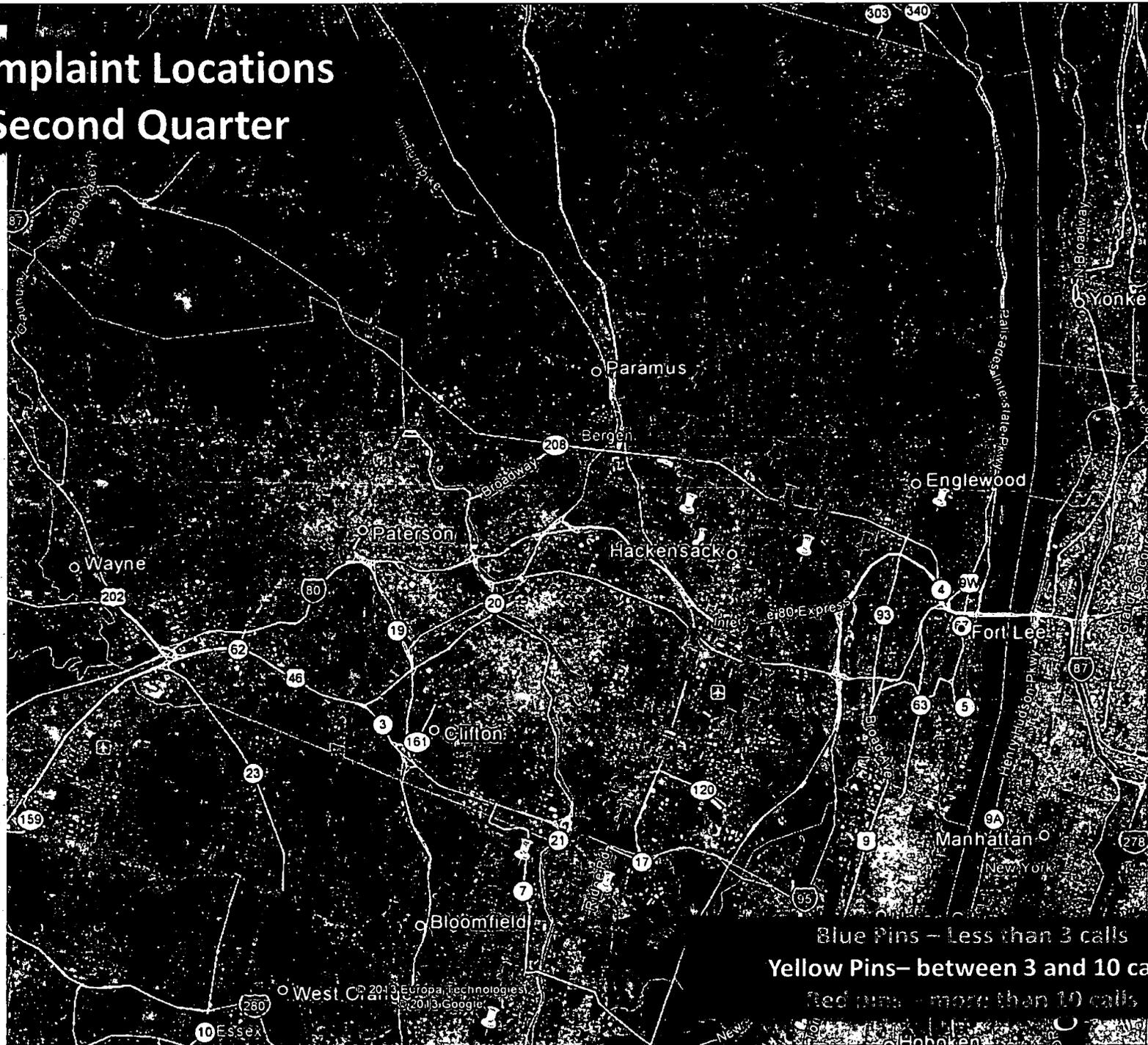


Complaint Locations Second Quarter



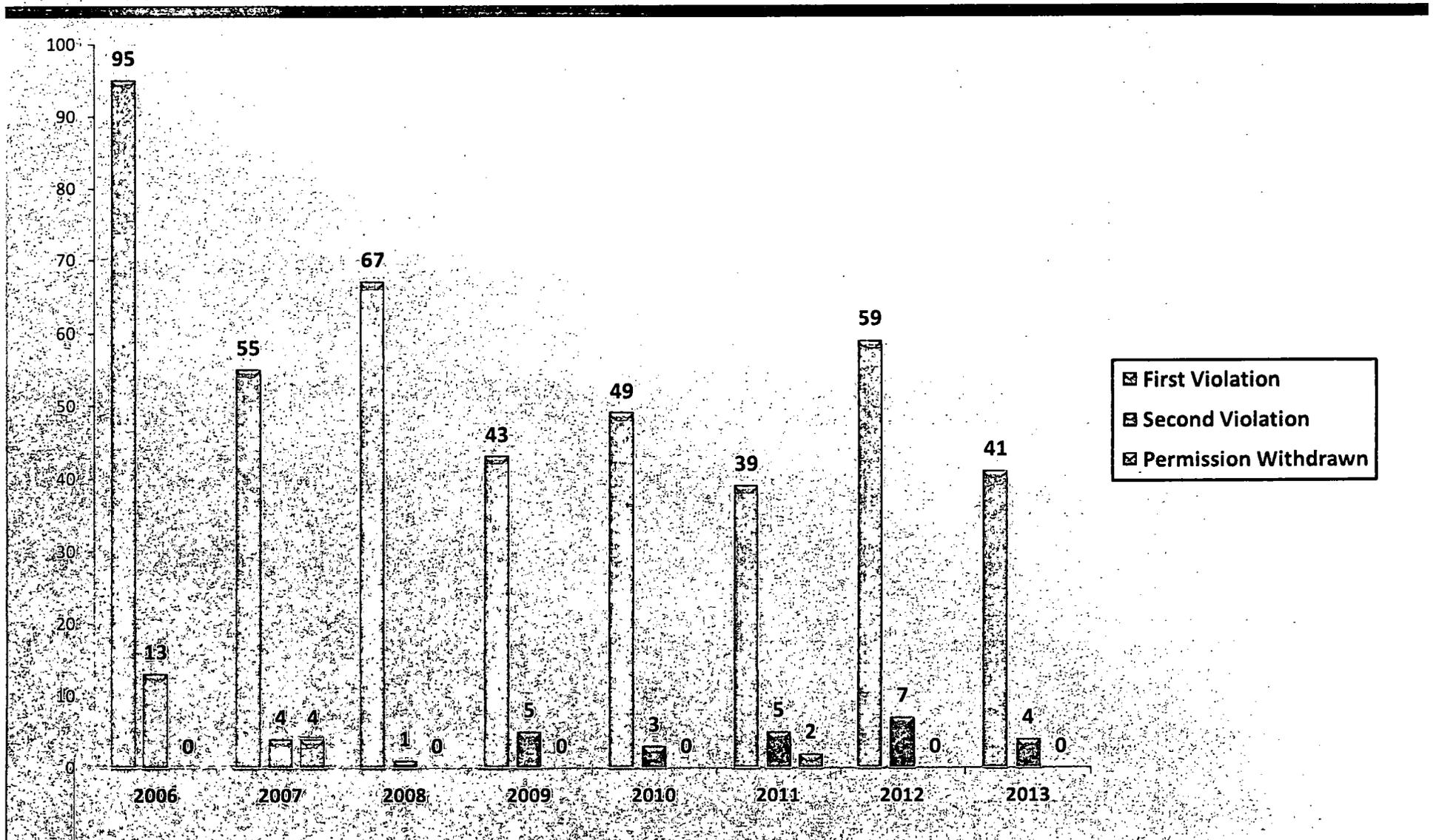
© 2013 Europa Technologies
© 2013 Google

Complaint Locations Second Quarter



Blue Pins – Less than 3 calls
Yellow Pins – between 3 and 10 calls
Red pins – more than 10 calls

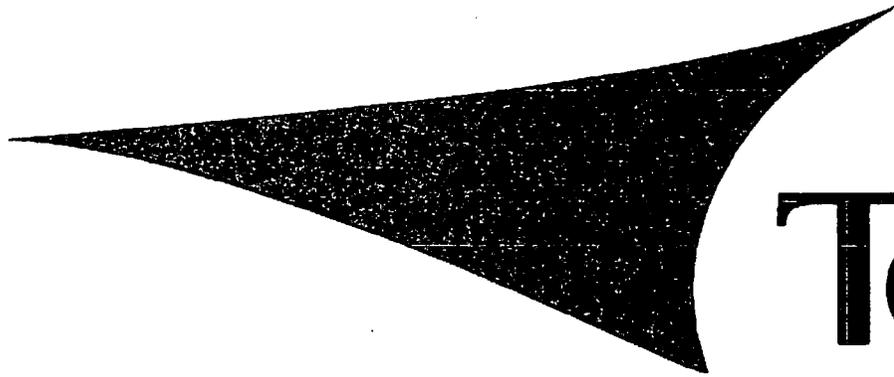
Aircraft Noise Violations – Half Year



Thank You For Your Attention

**We Look Forward to Your Attendance at the
Next Scheduled Meeting on:**





**Airport
Teterboro**

THE PORT AUTHORITY OF NY & NJ

TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE

2013 First Quarter Report

Gabriel Andino,

Manager - Noise Abatement & Environmental Compliance

Timothy Middleton,

Assistant Manager - Noise Abatement & Environmental Compliance

Michael Fiscus,

Noise Abatement & Environmental Compliance Specialist

TETERBORO
AIRCRAFT
NOISE
ABATEMENT
ADVISORY
COMMITTEE

April 24, 2013

Introduction

Old Business

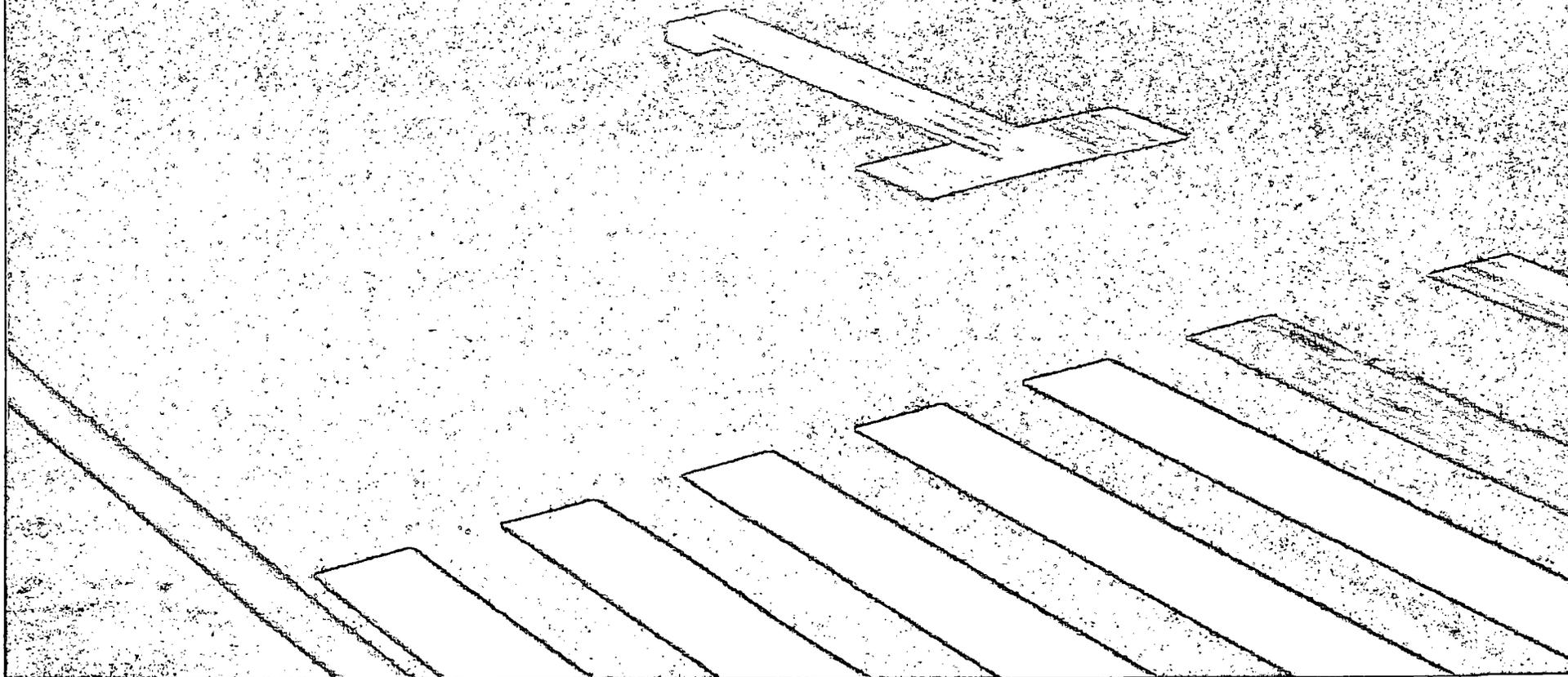
Committee Chair Reports

New Business

- Noise Abatement Manager's First Quarter Report
 - Aircraft Activity
 - Noise Readings
 - Noise Complaints
 - Violation Letters
- Committee Members' Proposals
- General Discussion
- Adjournment

Old Business

1. **Proposed New Runway 19 Approach**
2. **Visit to TRACON**



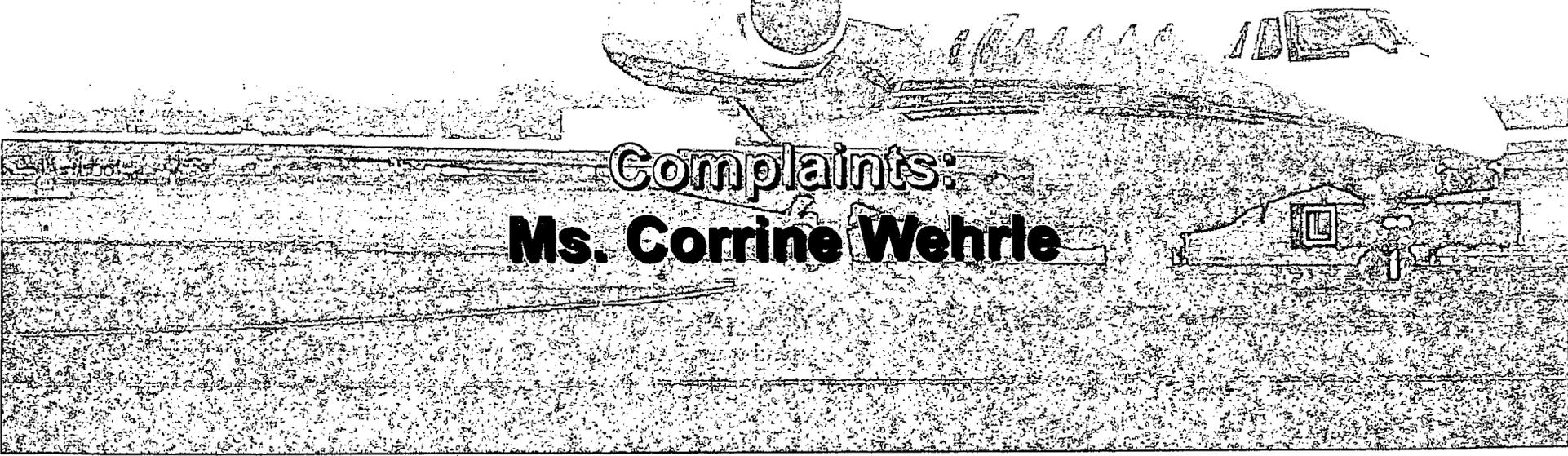
Committee Chair Reports

Legislative:

The Honorable Rose Heck
The Honorable Fred Dressel

Complaints:

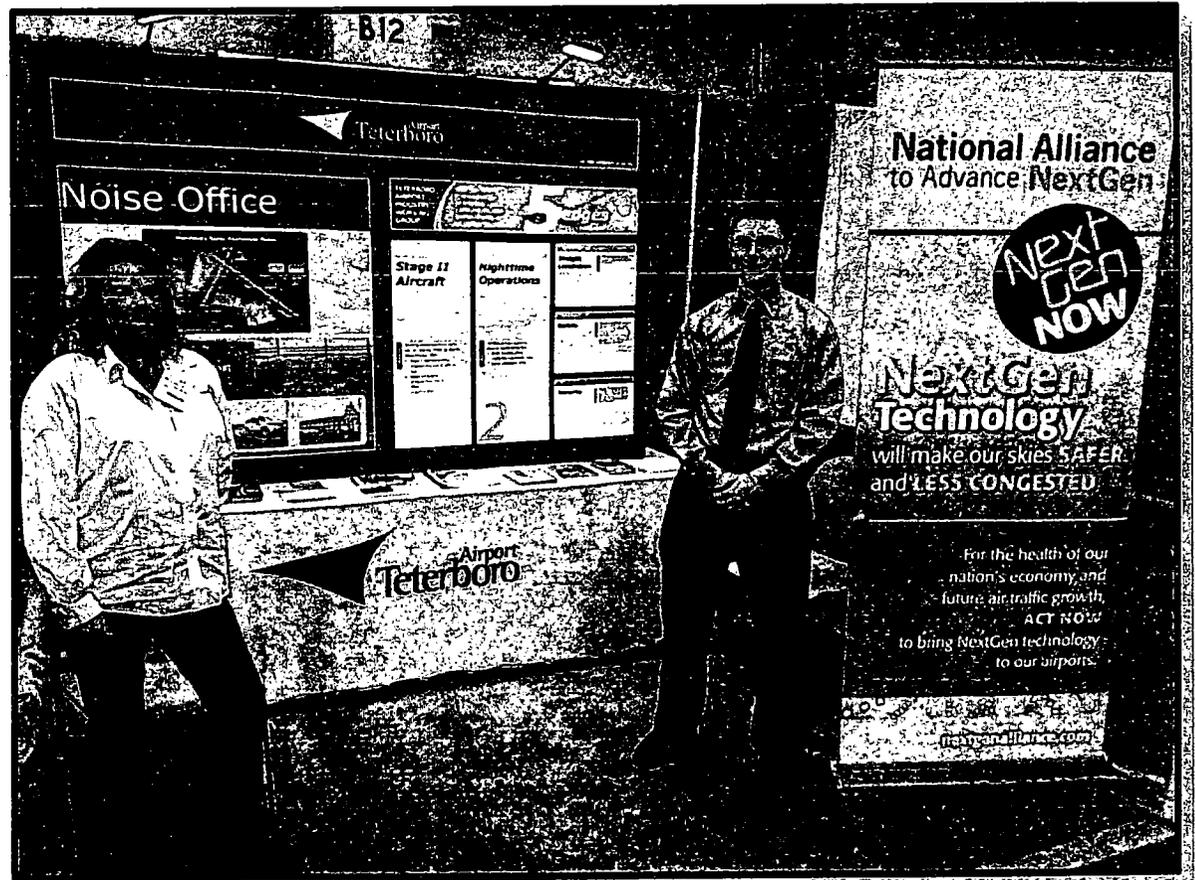
Ms. Corrine Wehrle



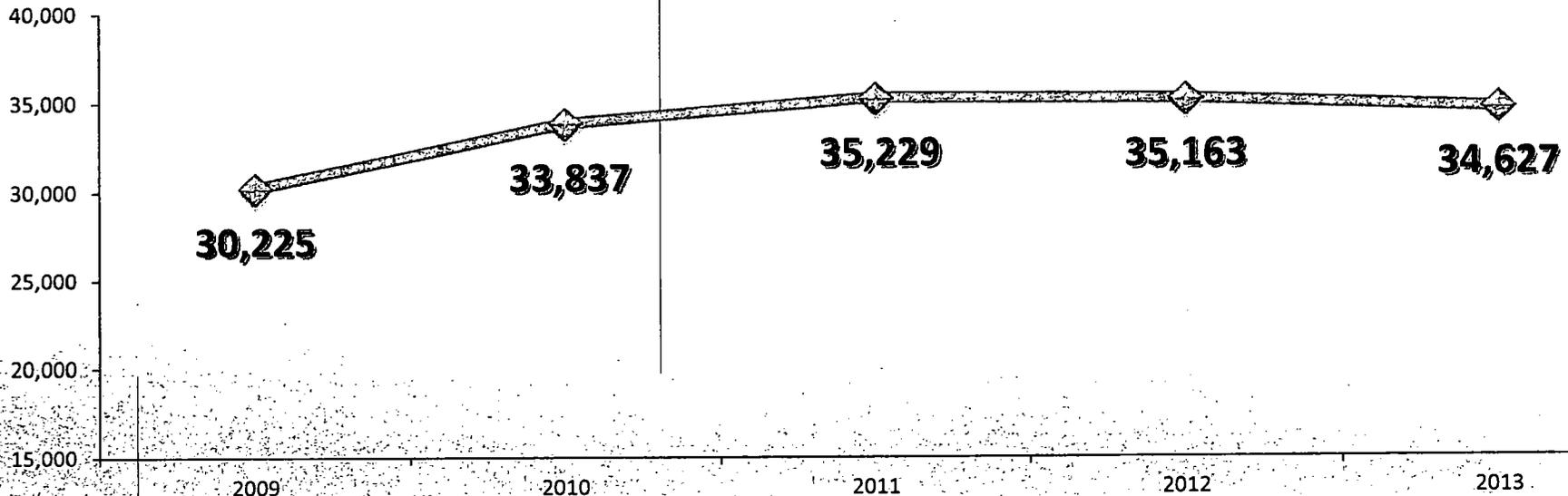
New Business

NBAA Schedulers & Dispatchers: January, 2013

- San Antonio, TX
 - January 22-25, 2013
- 2,400+ Attendees
- 425 Exhibitors
- Talked to Operators about:
 - Noise Rules
 - Voluntary Night-Time Curfew
 - Next-Gen Initiatives



Airport Activity Report – First Quarter

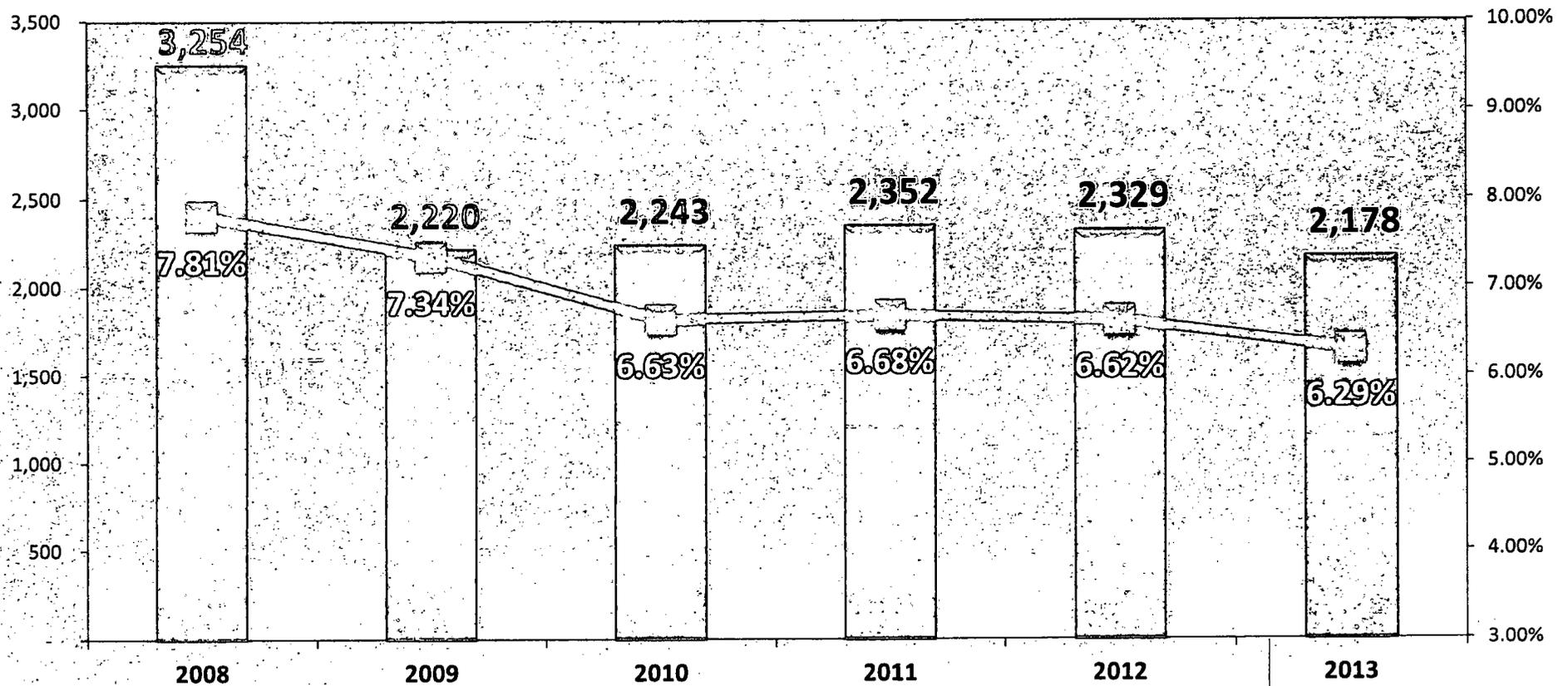


Movements

Change

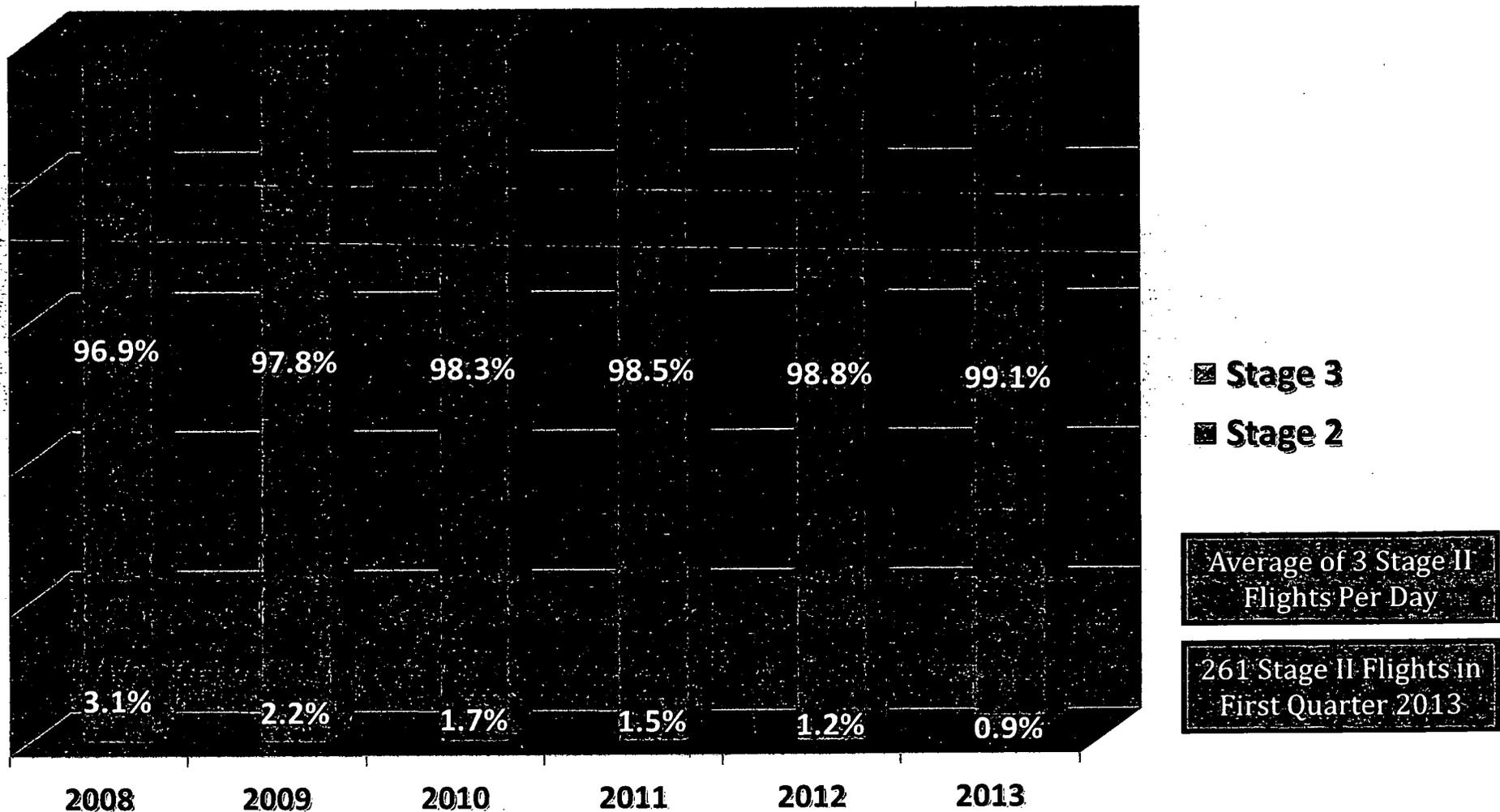
	2009	2010	2011	2012	2013	2009/2010	2010/2011	2011/2012	2012/2013
Props	2,598	2,320	2,024	1,997	1,334	-10.70%	-12.76%	-1.33%	-33.20%
Turbo Props	1,785	1,757	2,023	2,222	1,966	-1.57%	15.14%	9.84%	-11.52%
Helicopters	1,750	1,908	1,646	1,303	1,466	9.03%	-13.73%	-20.84%	12.51%
Jet Movements	24,092	27,347	29,402	29,566	29,702	13.51%	7.51%	0.56%	0.46%
Total	30,225	33,837	35,229	35,163	34,627	11.95%	4.11%	-0.19%	-1.52%

Airport Activity Report: Night Time Movements (11:00pm-6:00am)

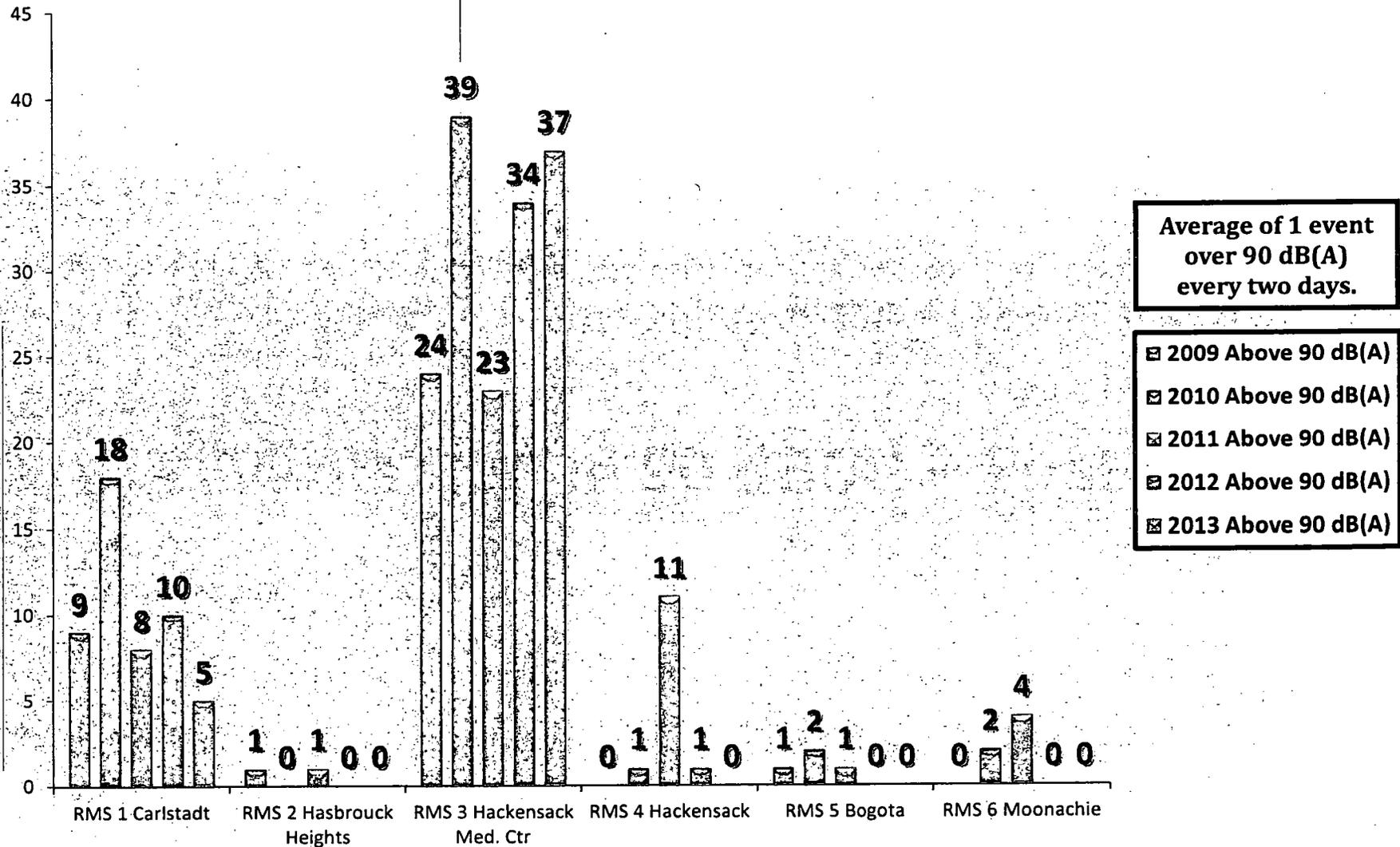


First Quarter	Night Time Aircraft Movements	Total Aircraft Movements	Percentage of Total Movements @ Night
2008	3,254	41,685	7.81%
2009	2,220	30,225	7.34%
2010	2,243	33,837	6.63%
2011	2,352	35,229	6.68%
2012	2,329	35,163	6.62%
2013	2,178	34,627	6.29%

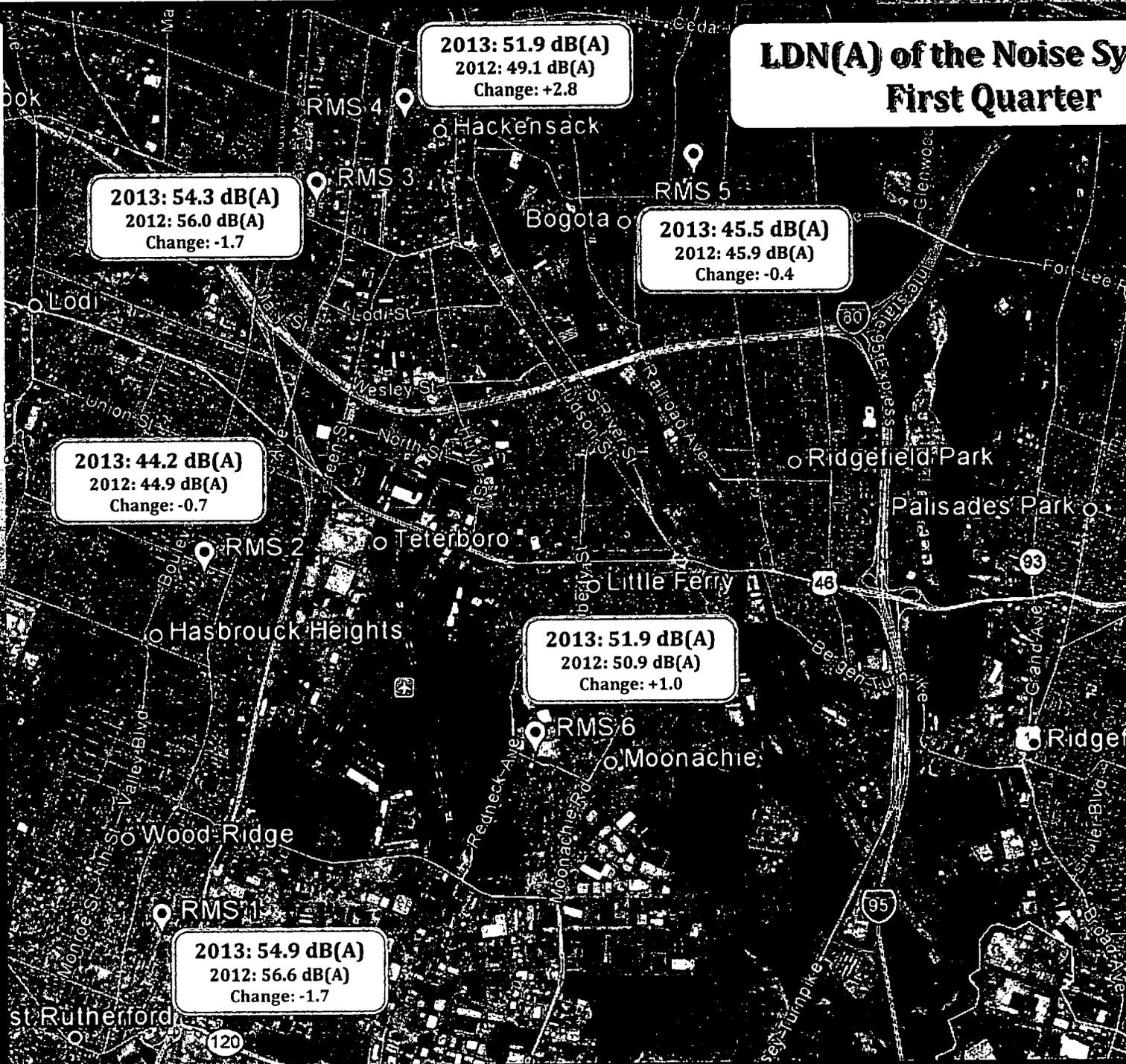
Jet Aircraft Traffic by Stage – First Quarter



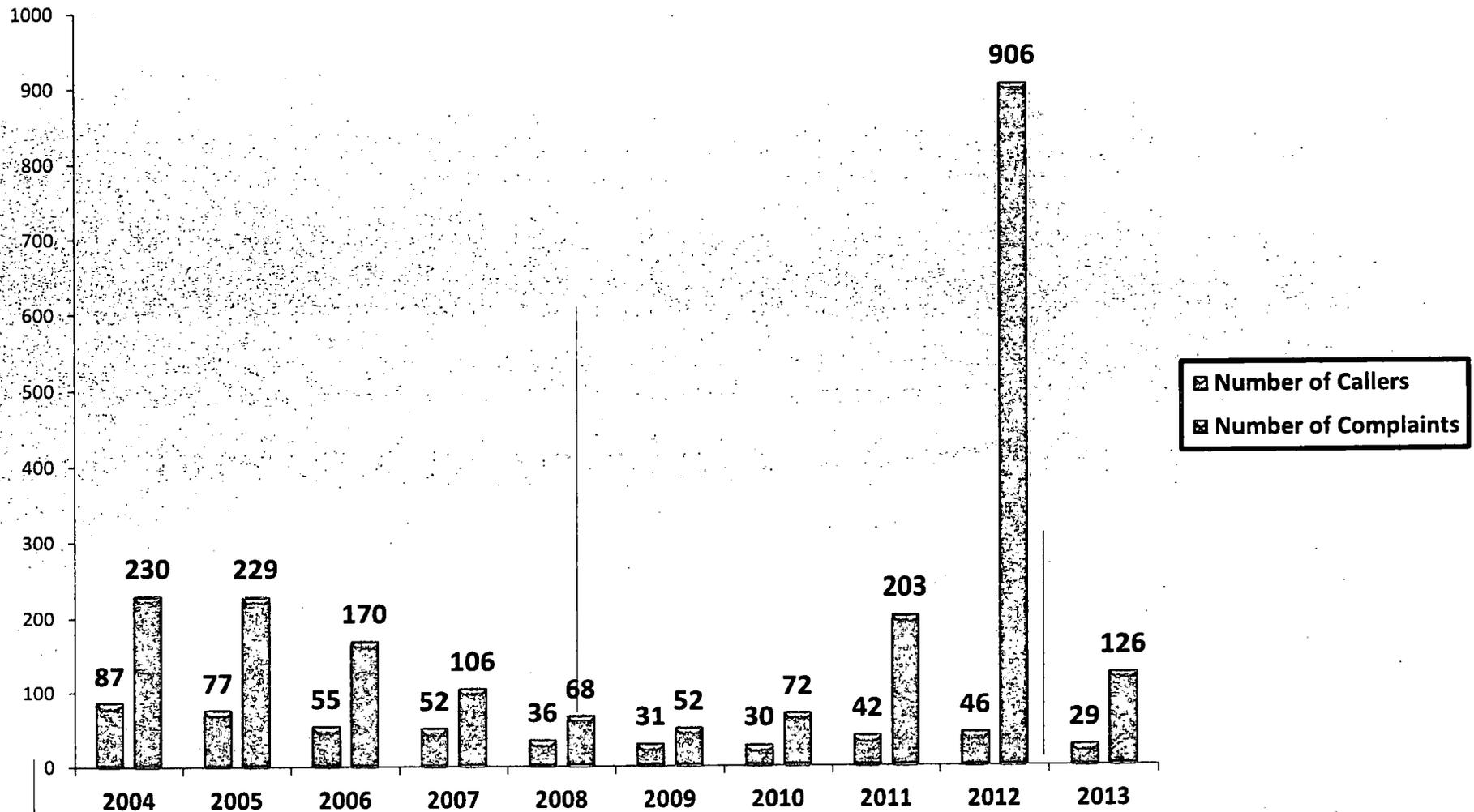
Noise Events Above 90 dB(A) – First Quarter



LDN(A) of the Noise System : First Quarter



Noise Complaints – First Quarter

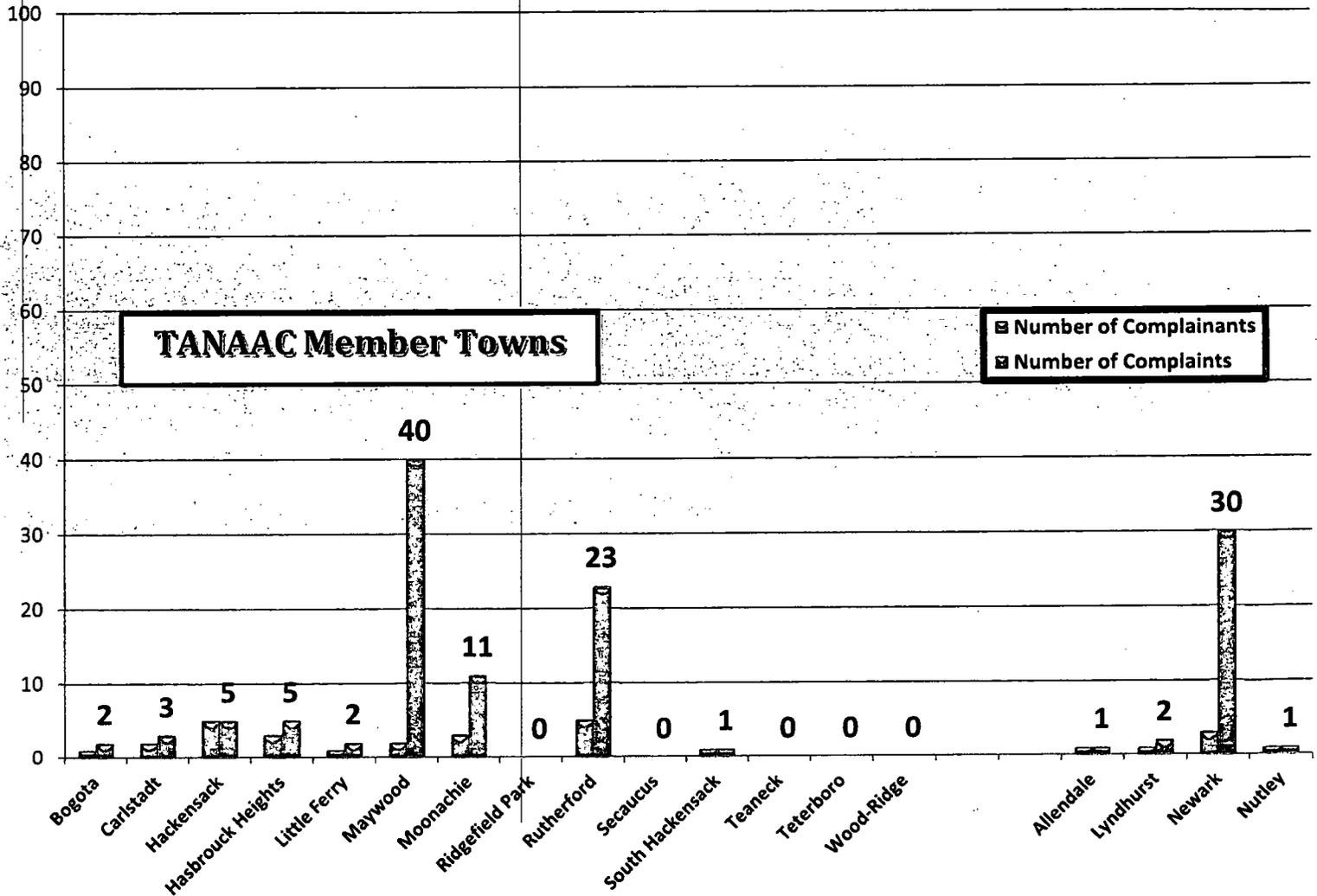


Noise Complaints By Town – First Quarter

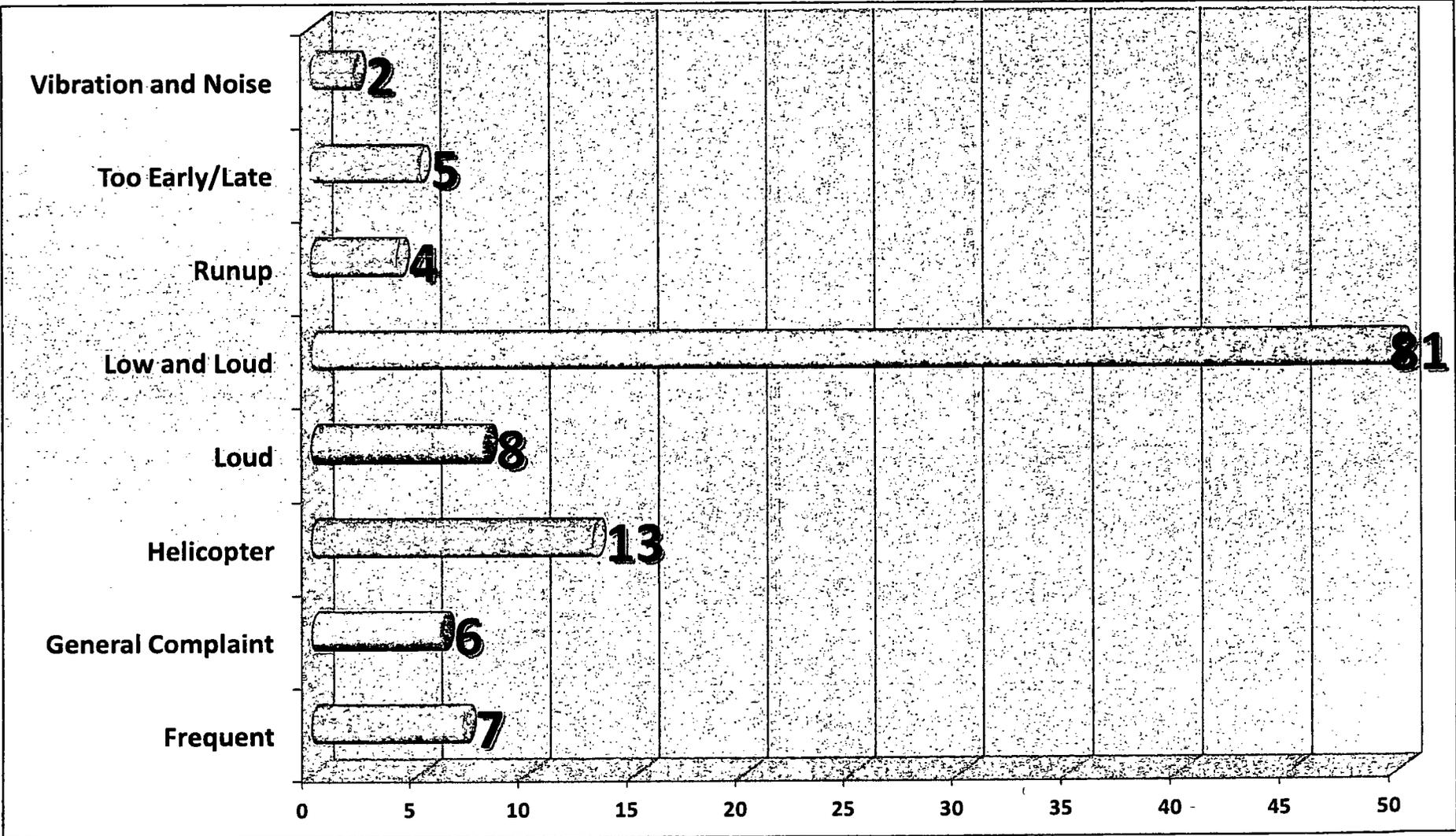
Complainants	#
--------------	---

Bogota	1
Carlstadt	2
Hackensack	5
Hasbrouck Heights	3
Little Ferry	1
Maywood	2
Moonachie	3
Ridgefield Park	0
Rutherford	5
Secaucus	0
South Hackensack	1
Teaneck	0
Teterboro	0
Wood-Ridge	0

Allendale	1
Lyndhurst	1
Newark	3
Nutley	1



First Quarter Complaint Breakdown



Complaint Locations – First Quarter



Blue Pins – Less than 3 calls
Yellow Pins – between 3 and 10 calls
Red pins – more than 10 calls

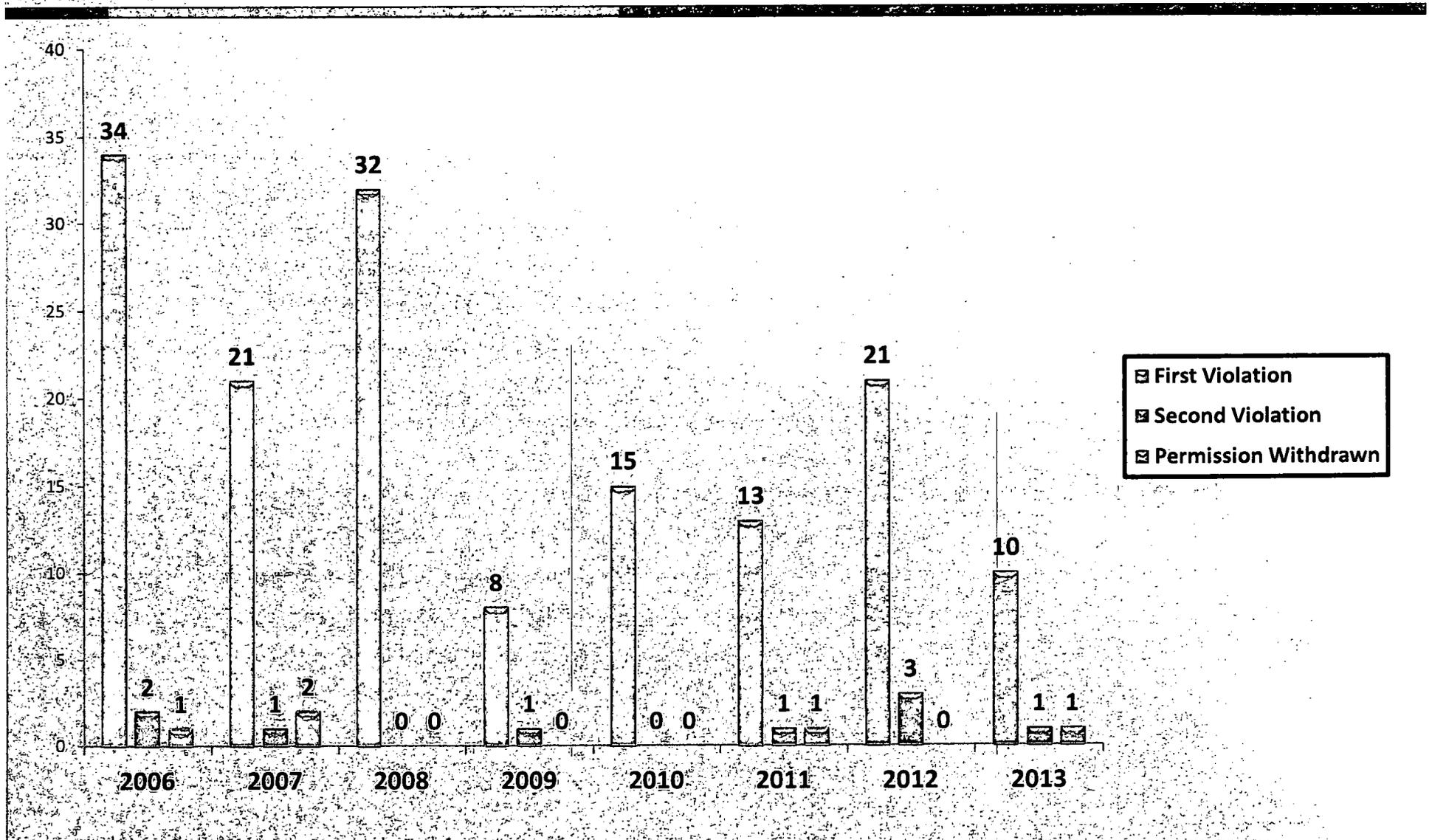
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© 2013 Google

40°49'28.34"N 73°59'11.81"W, elev: 13

Complaint Locations – First Quarter

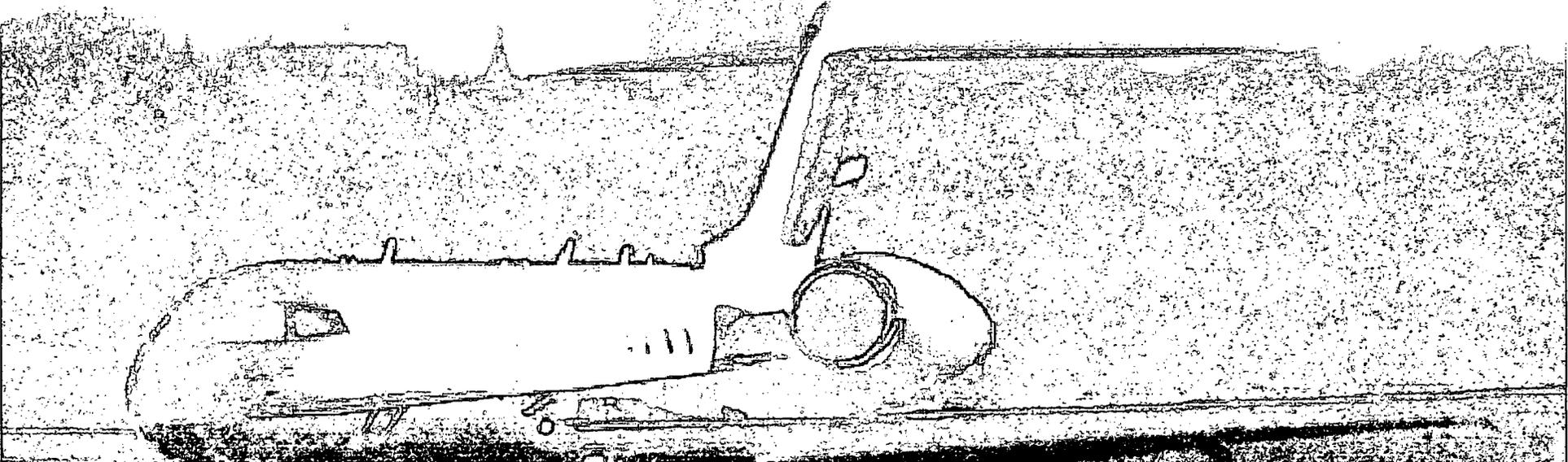


Aircraft Noise Violations – First Quarter

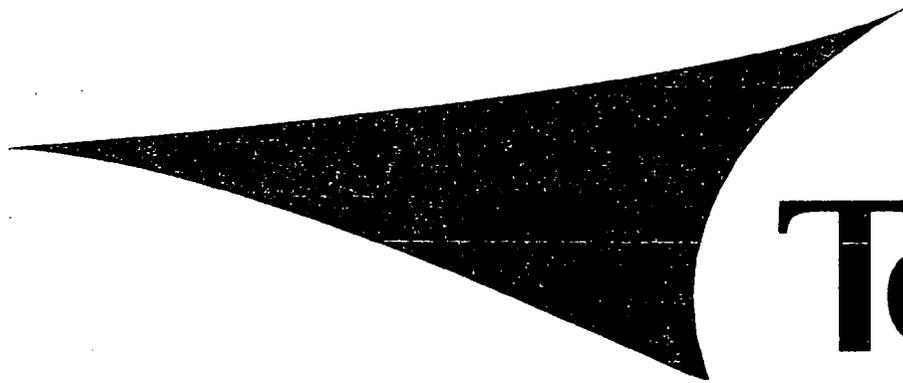


Thank You For Your Attention

**We Look Forward to Your Attendance at the
Next Scheduled Meeting, and Annual
TANAAC Barbecue on:**



Wednesday July 24, 2013 @ 6:00 PM



**Airport
Teterboro**

THE PORT AUTHORITY OF NY & NJ

TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE

2013 Three Quarter Year Report

Gabriel Andino,

Manager - Noise Abatement & Environmental Compliance

Timothy Middleton,

Assistant Manager - Noise Abatement & Environmental Compliance

Michael Fiscus,

Noise Abatement & Environmental Compliance Specialist

TETERBORO
AIRCRAFT
NOISE
ABATEMENT
ADVISORY
COMMITTEE

October 23, 2013

Introduction

Old Business

Committee Chair Reports

New Business

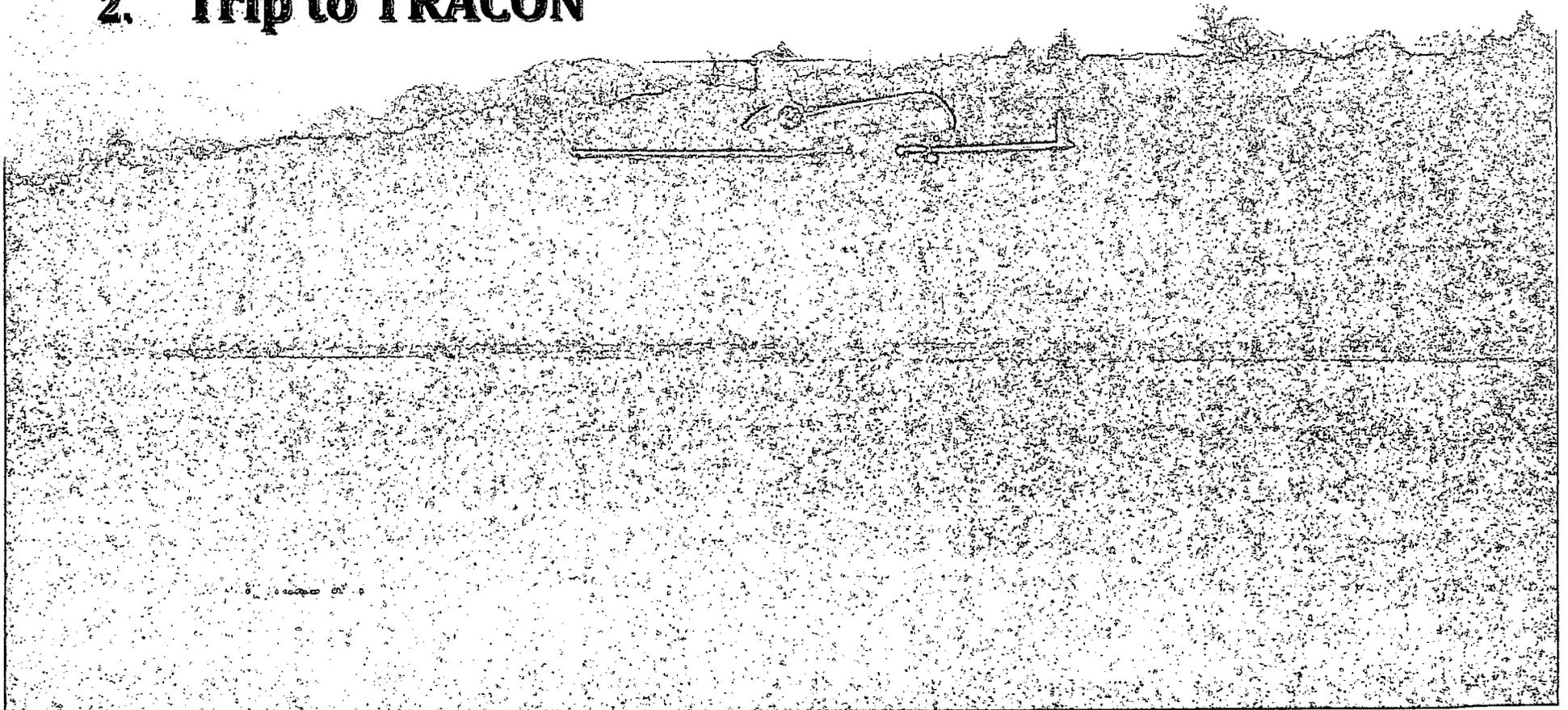
Noise Abatement Manager's Three Quarter Year Report

- Aircraft Activity
- Noise Readings
- Noise Complaints
- Violation Letters

- Committee Members' Proposals
- General Discussion
- Adjournment

Old Business

1. **Proposed New Runway 19 Approach**
2. **Trip to TRACON**



Committee Chair Reports

Legislative:

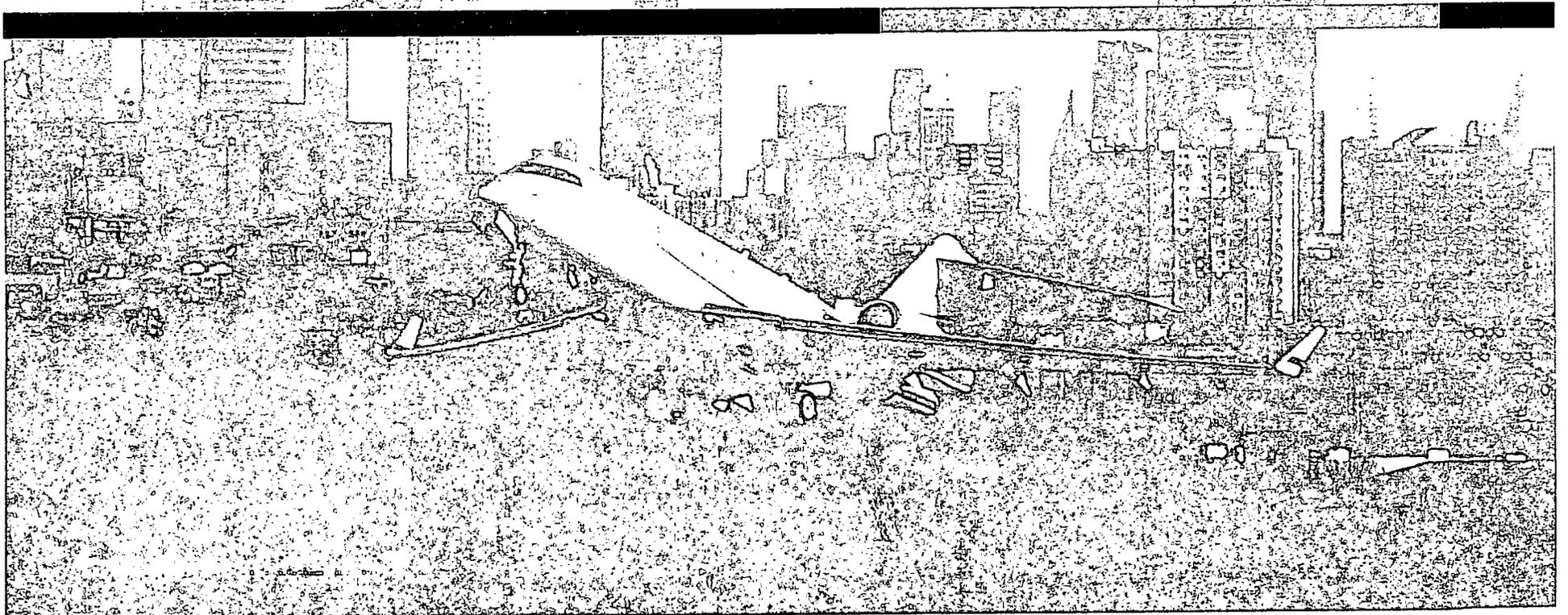
The Honorable Rose Heck
The Honorable Fred Dressel

Complaints:

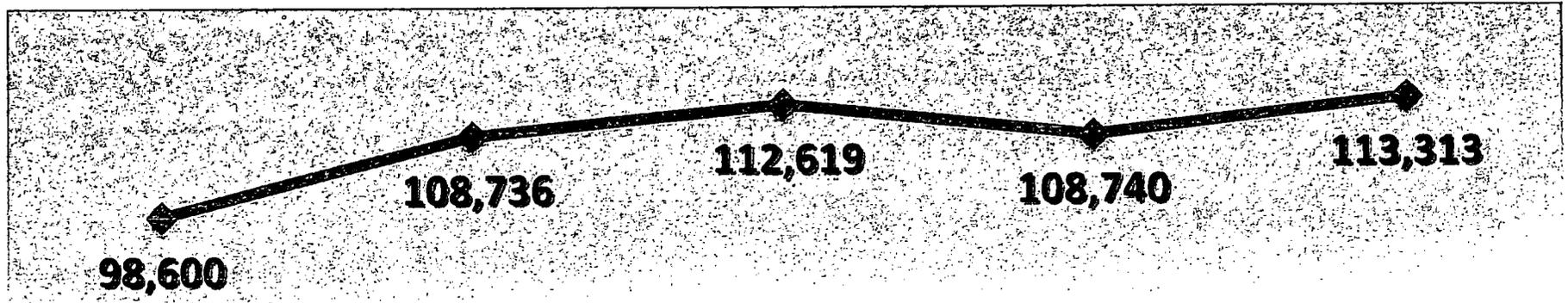
Ms. Corrine Wehrle



New Business

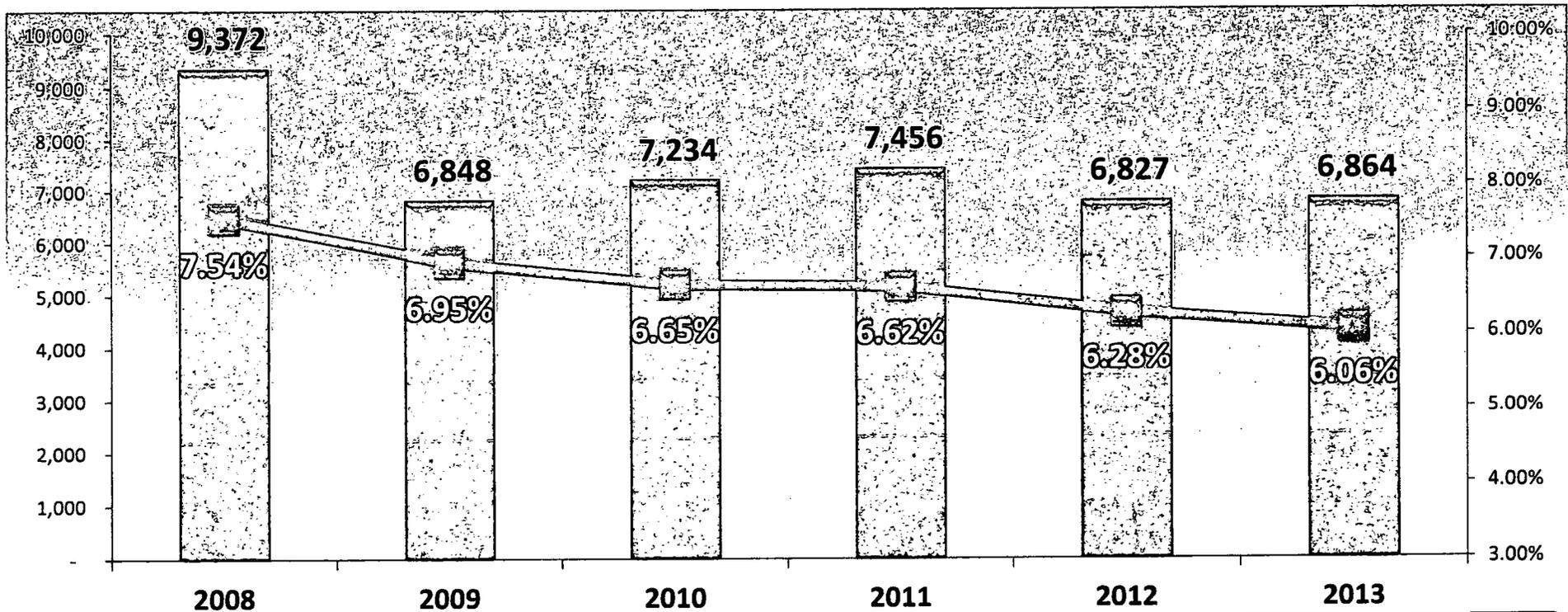


Airport Activity Report – Three Quarter Year



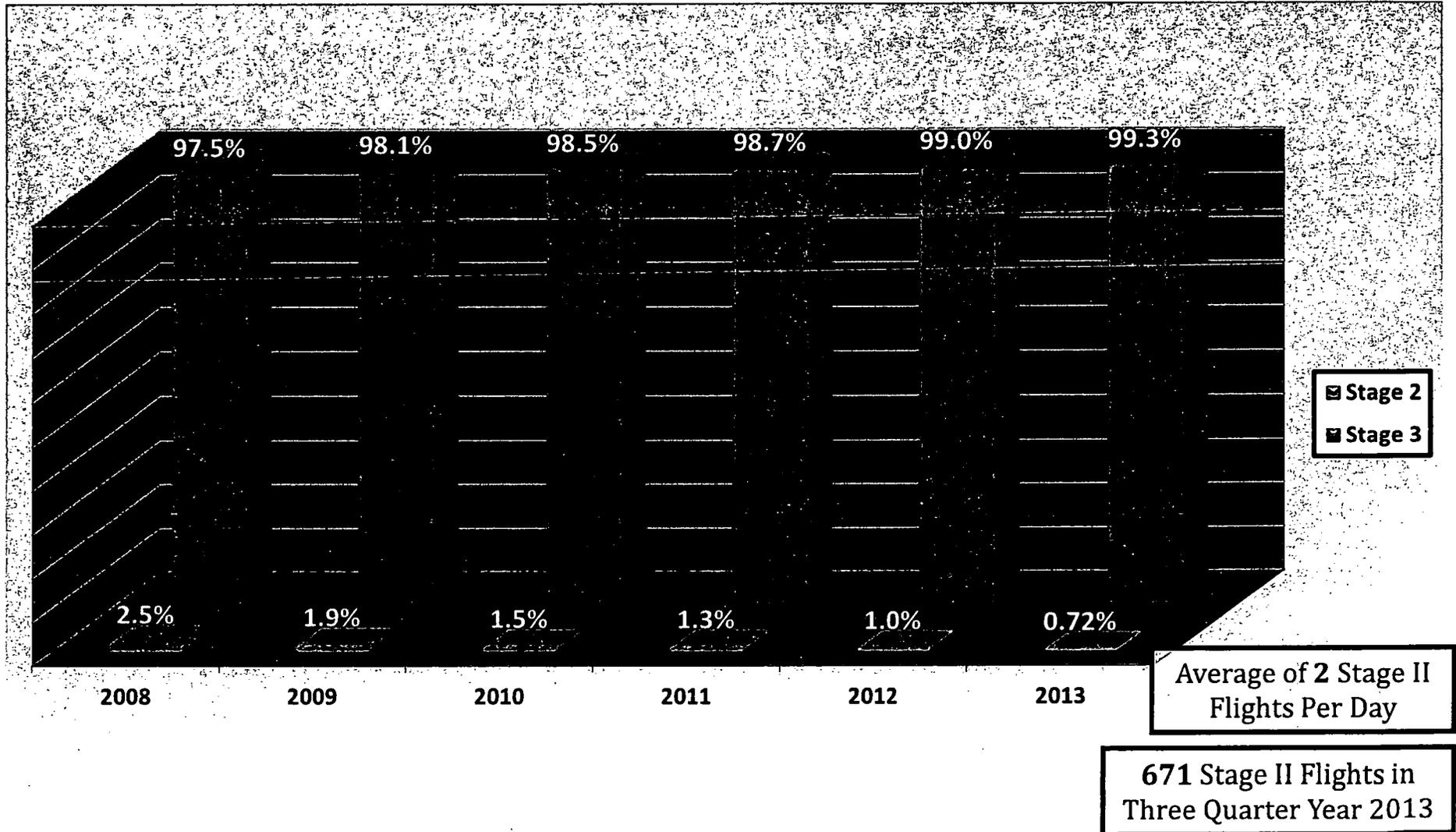
	2009	2010	2011	2012	2013	Change			
	Movements					2009/2010	2010/2011	2011/2012	2012/2013
Props	8,958	8,765	7,312	6,811	5,525	-2.15%	-16.58%	-6.85%	-18.88%
Turbo Props	7,750	7,969	8,453	9,123	8,499	2.83%	6.07%	7.93%	-6.84%
Helicopters	6,813	7,533	6,612	4,864	5,519	10.57%	-12.23%	-26.44%	13.47%
Jet Movements	74,779	84,145	89,928	87,732	93,387	12.52%	6.87%	-2.44%	6.45%
Total	98,600	108,736	112,619	108,740	113,313	10.28%	3.57%	-3.44%	4.21%

Airport Activity Report: Night Time Movements (11:00pm-6:00am)

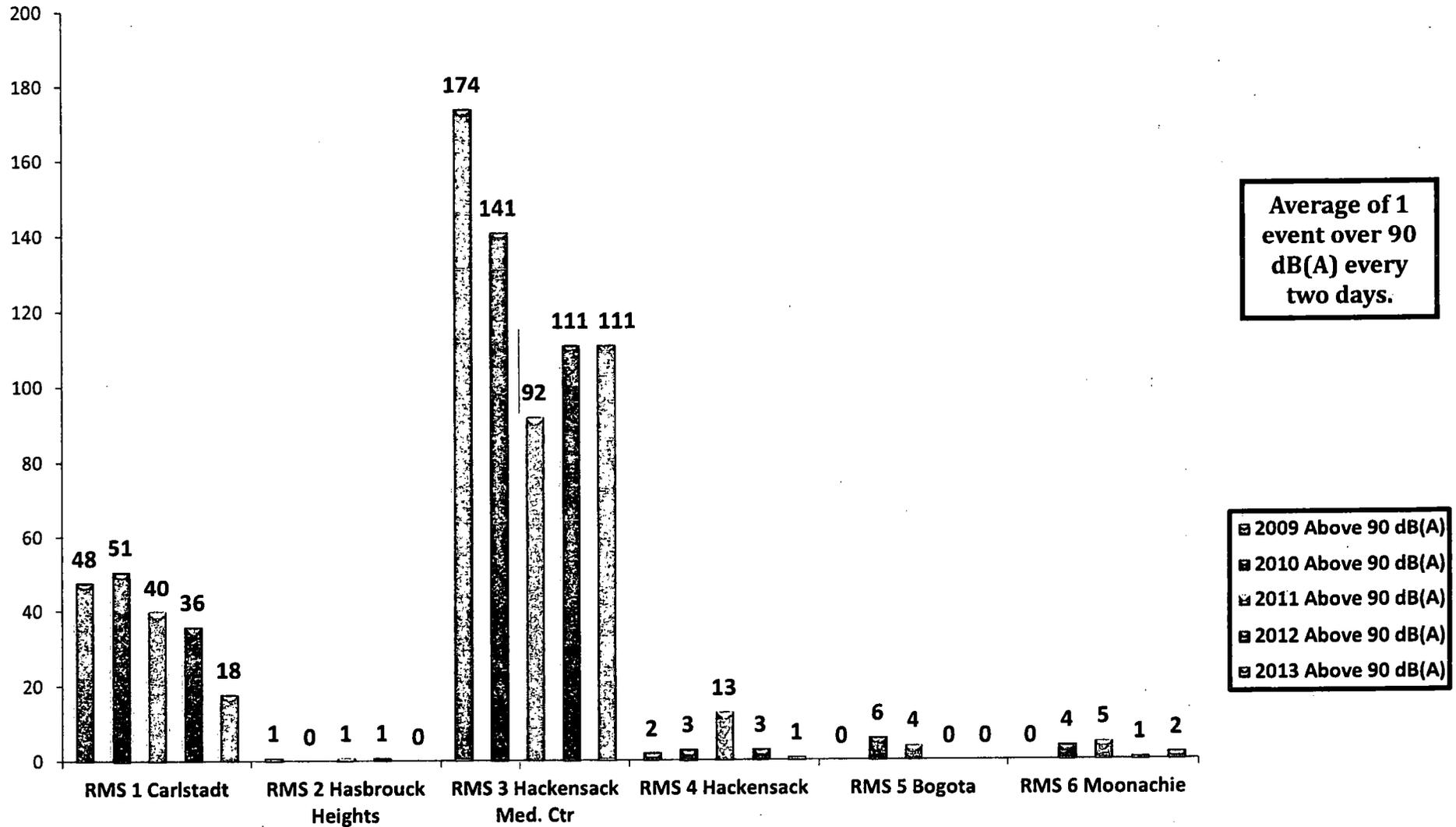


Three Quarter Year	Night Time Aircraft Movements	Total Aircraft Movements	Percentage of Total Movements @ Night
2008	9,372	124,306	7.54%
2009	6,848	98,600	6.95%
2010	7,234	108,736	6.65%
2011	7,456	112,619	6.62%
2012	6,827	108,740	6.28%
2013	6,864	113,313	6.06%

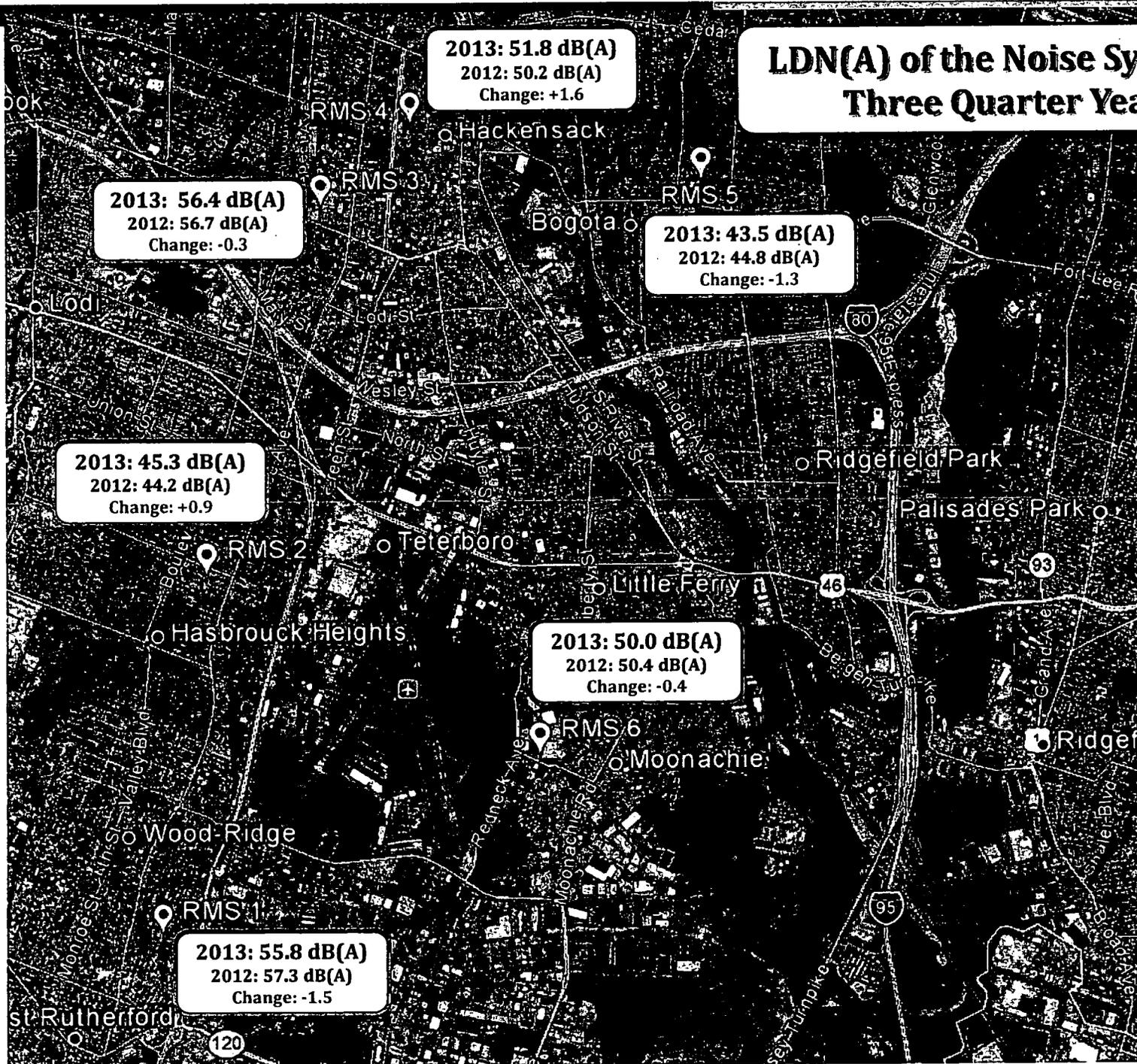
Jet Aircraft Traffic by Stage – Three Quarter Year



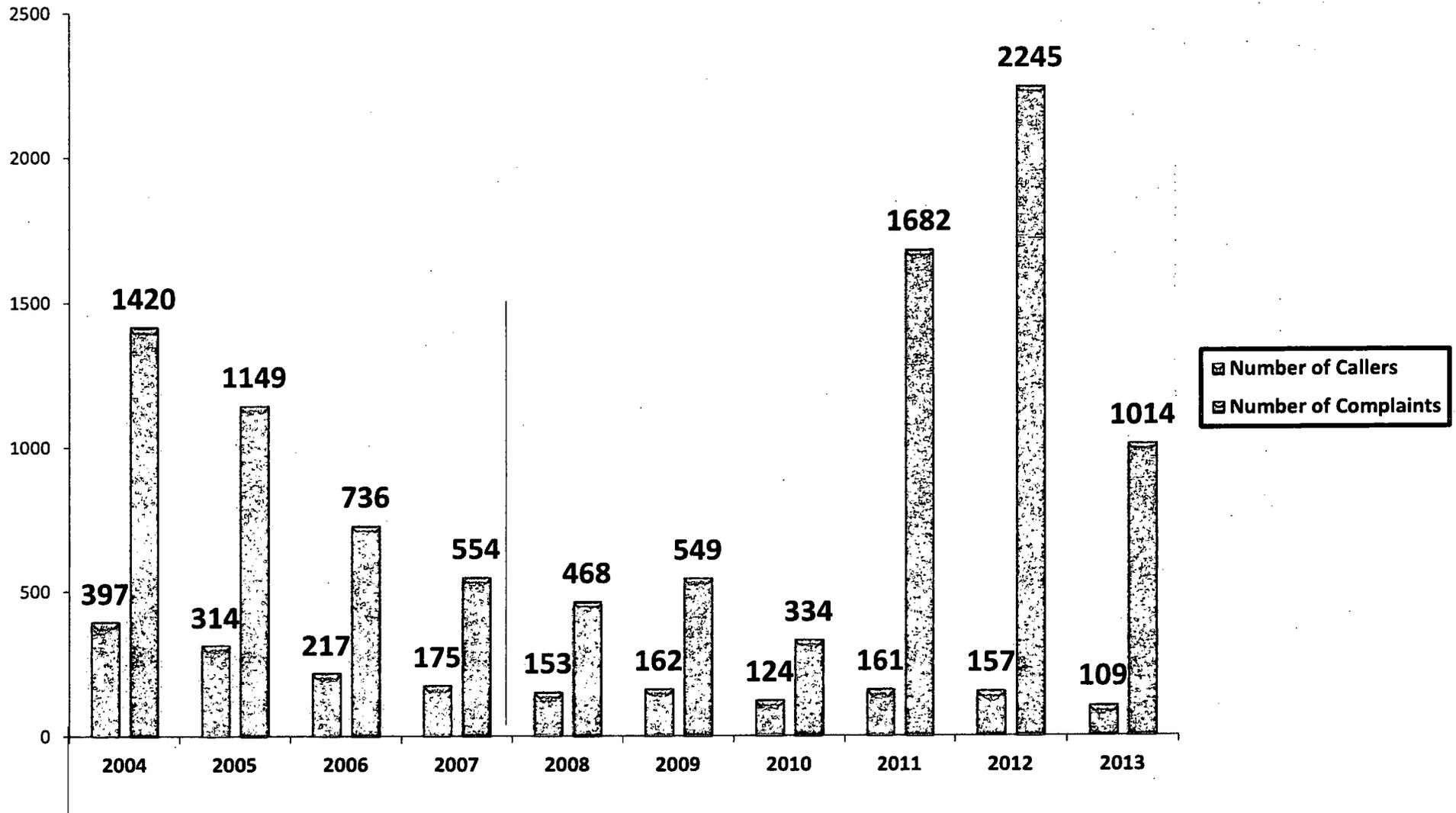
Noise Events Above 90 dB(A) – Three Quarter Year



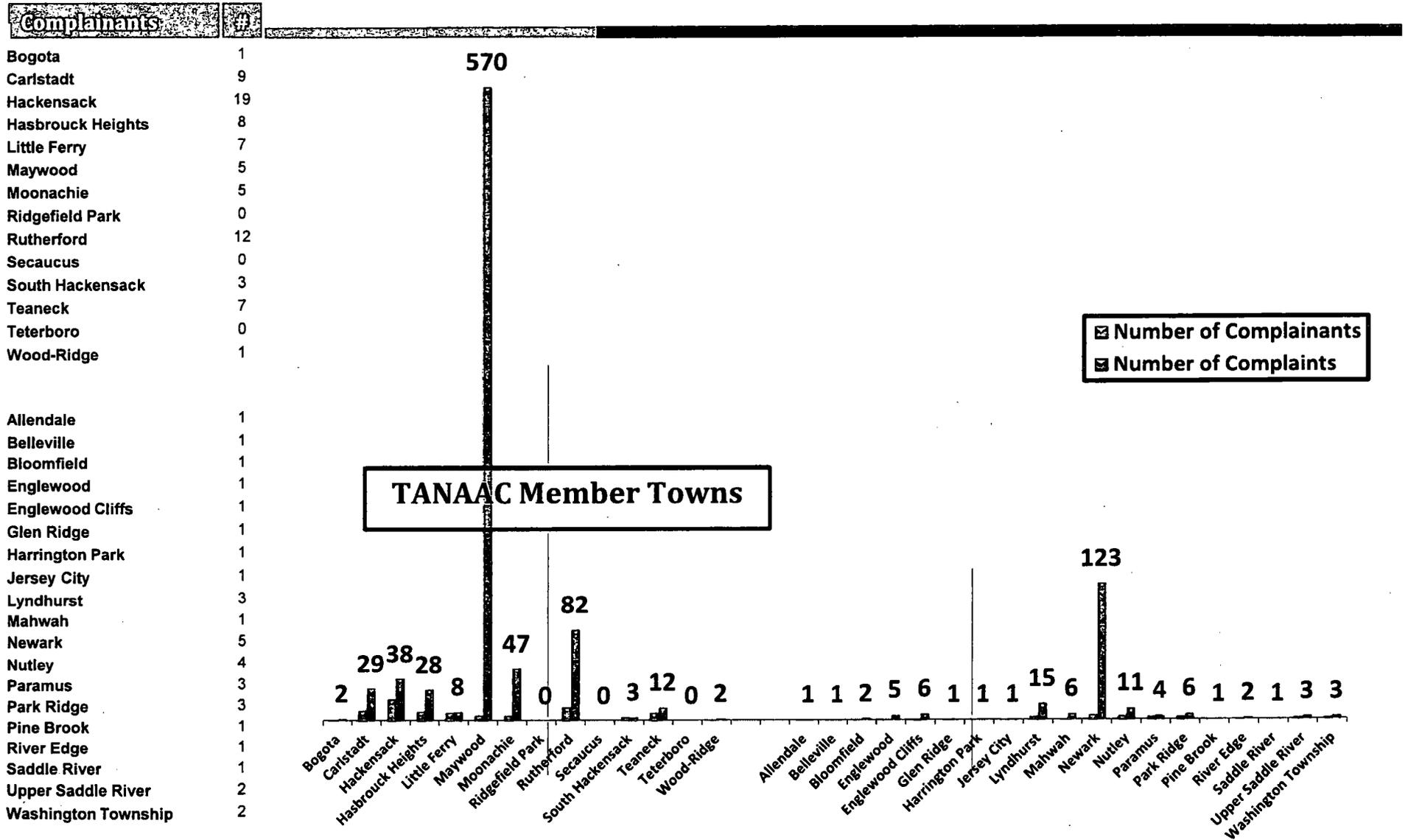
LDN(A) of the Noise System : Three Quarter Year



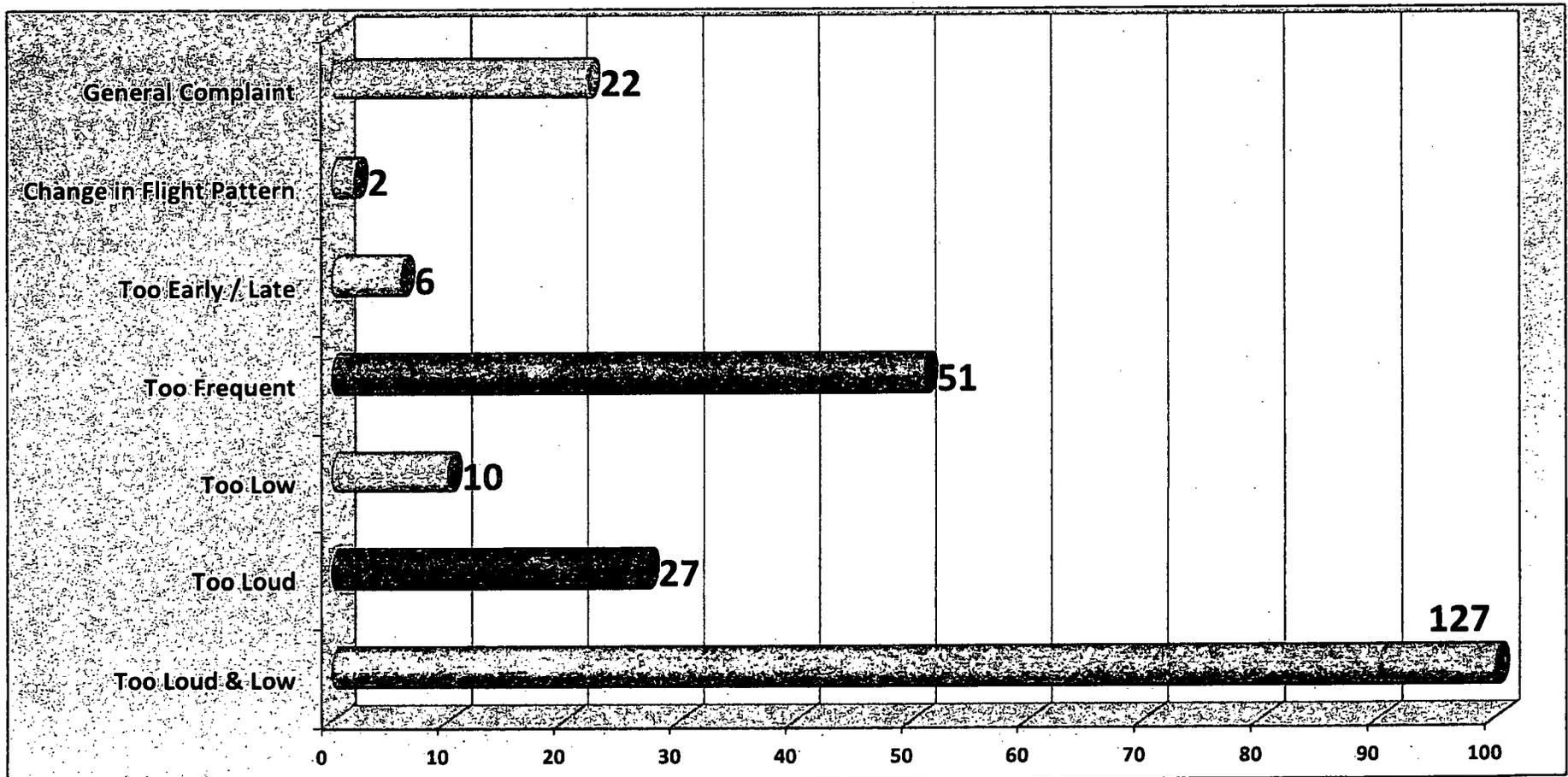
Noise Complaints – Three Quarter Year



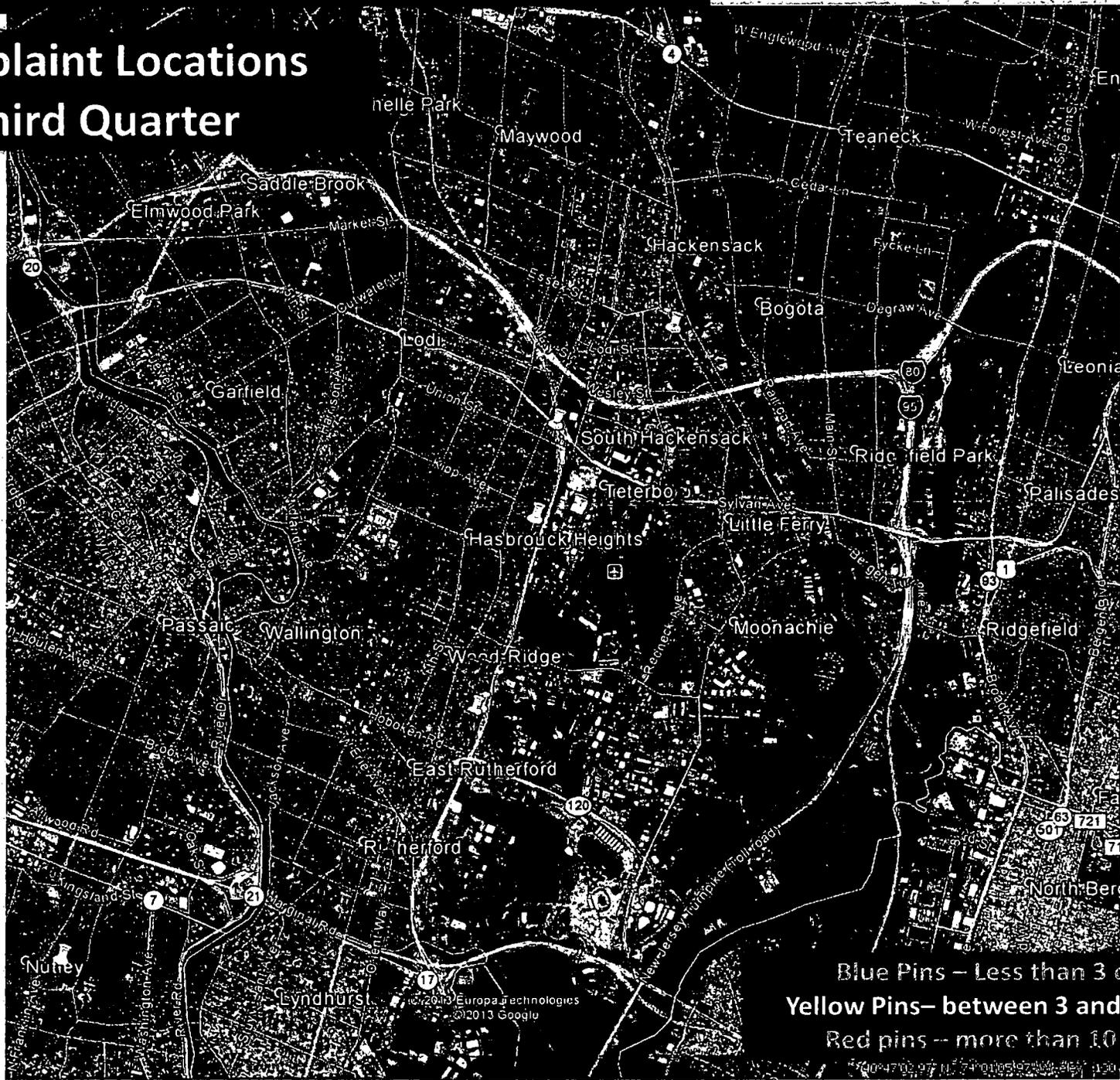
Noise Complaints By Town – Three Quarter Year



Third Quarter Complaint Breakdown

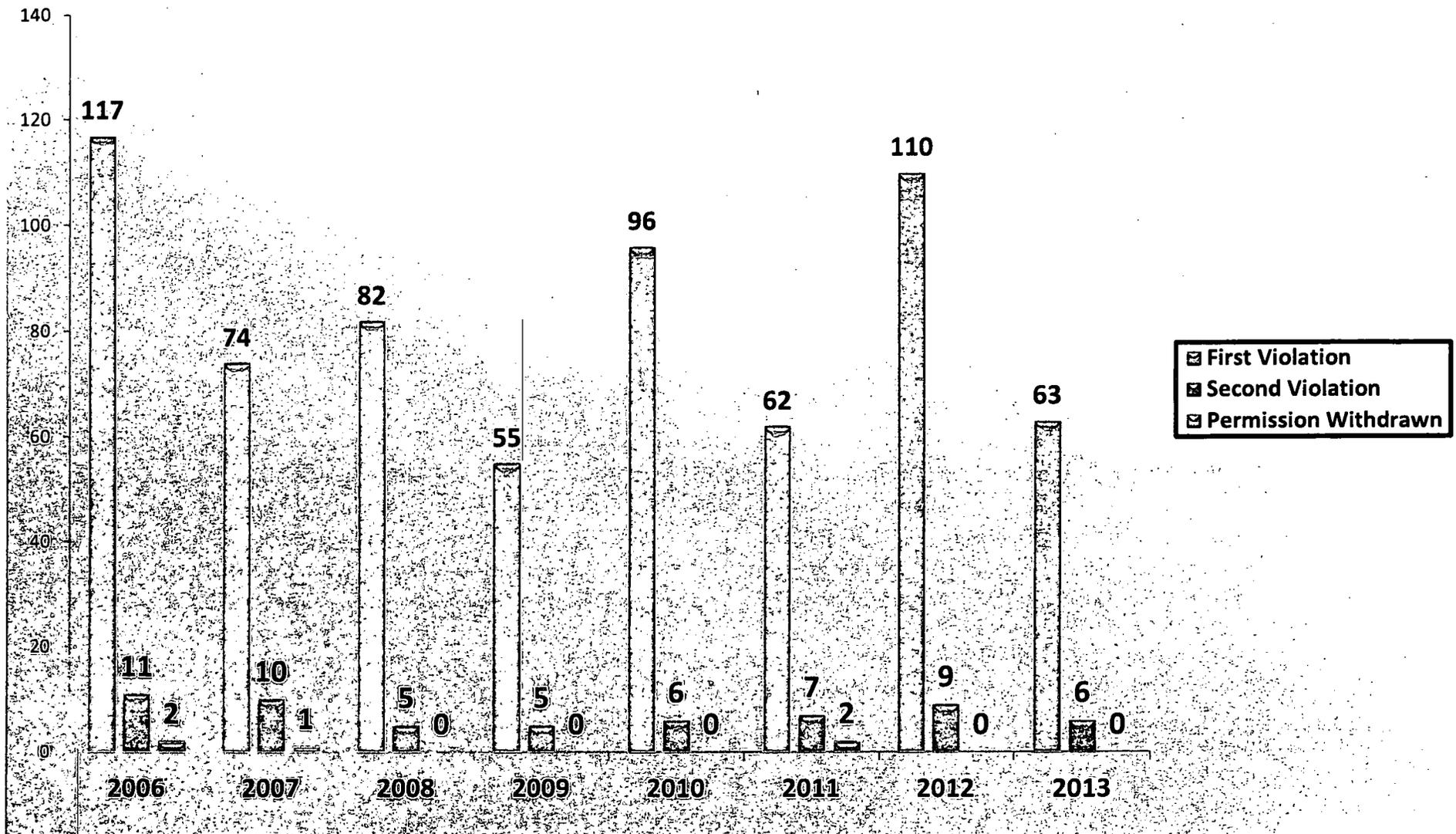


Complaint Locations Third Quarter



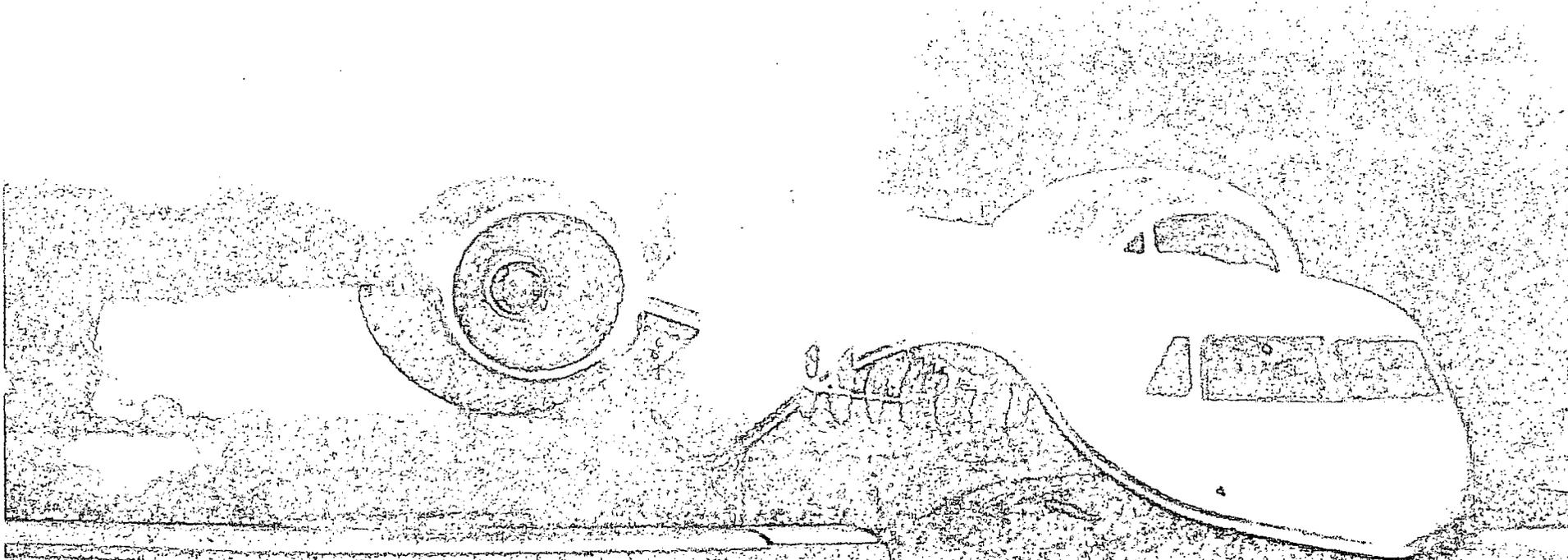
Blue Pins – Less than 3 calls
Yellow Pins – between 3 and 10 calls
Red pins – more than 10 calls

Aircraft Noise Violations – Three Quarter Year



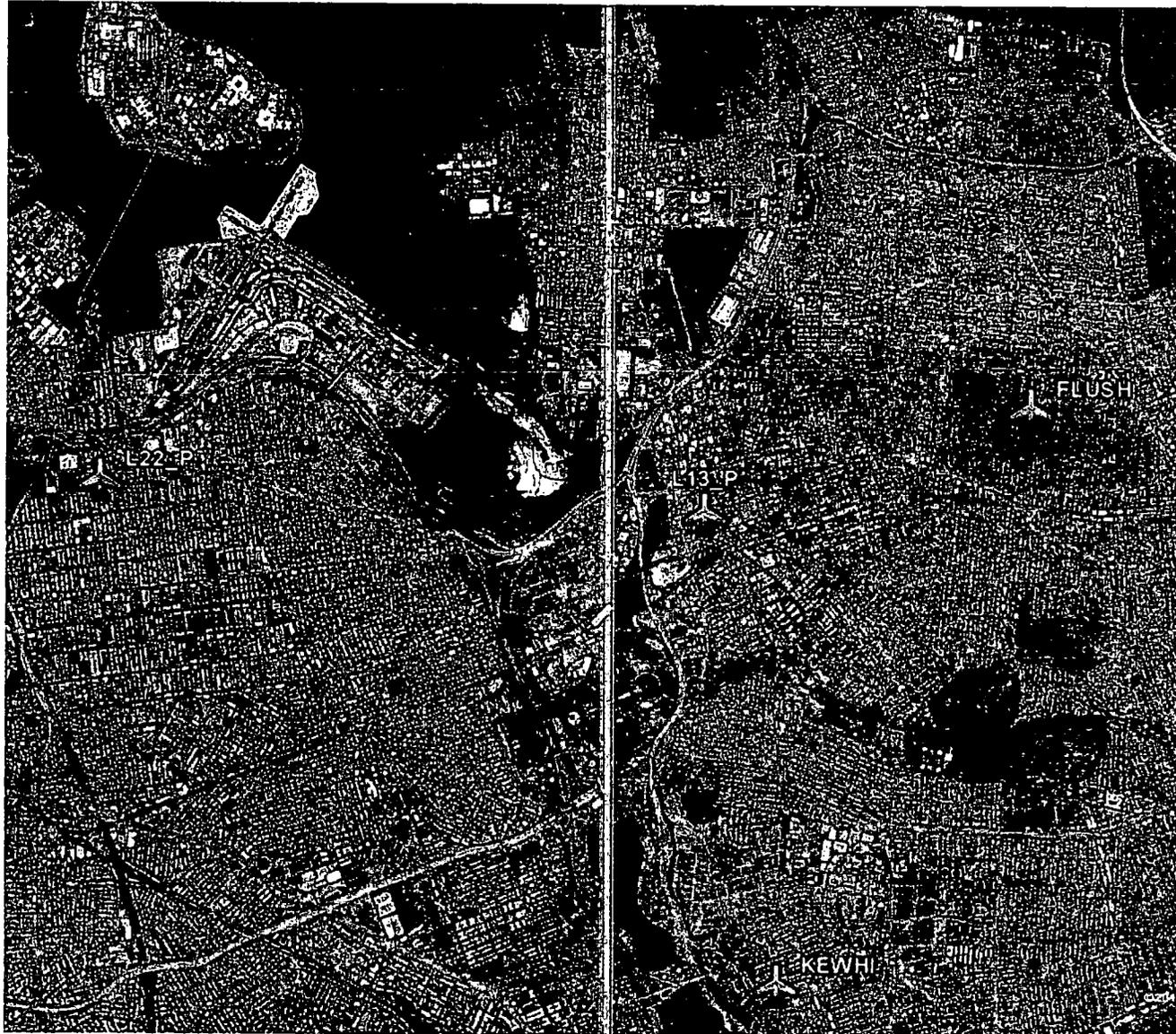
Thank You For Your Attention

**We Look Forward to Your Attendance at the
Next Scheduled Meeting on:**



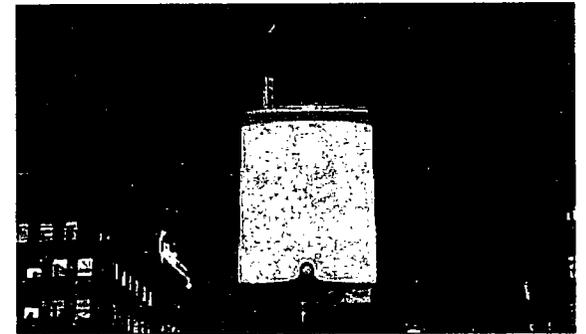
Wednesday January, 22 2014 @ 7:00 PM

Aircraft Noise Monitors for LGA





JFK

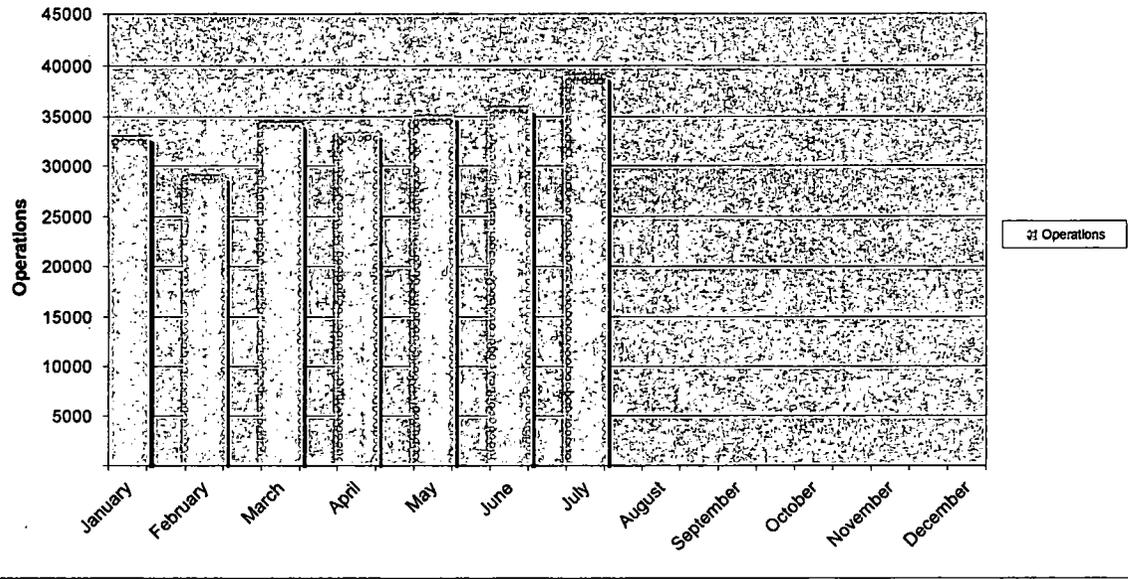


Aircraft Noise Monitors for JFK

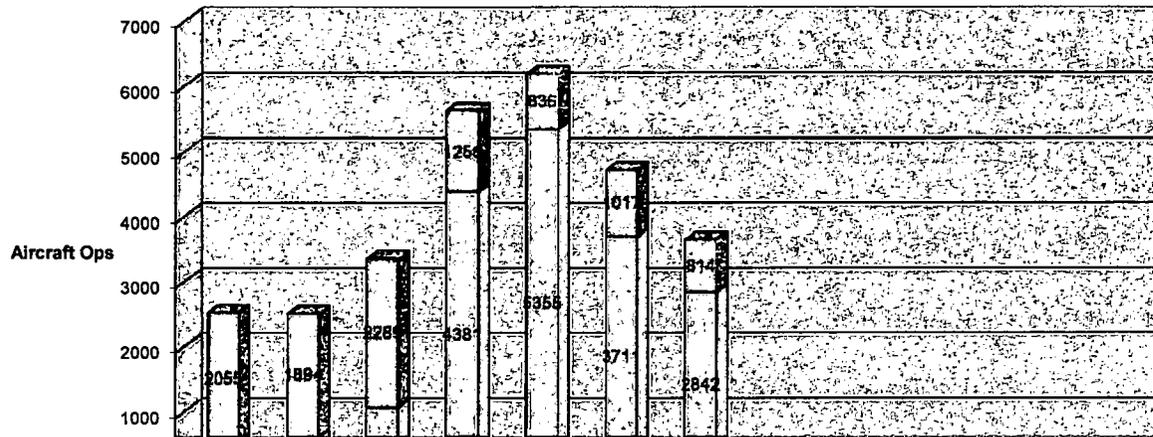
JFK Runway Utilization - 2013

Month	Operations	4L	4L	4R	4R	13L	13L	13R	13R	22L	22L	22R	22R	31L	31L	31R	31R	Unk	Unk
		Arr	Dep	Arr	Dep	Arr	Dep	Arr	Dep										
January	32733	444	2158	2139	4	537	8	21	480	4080	19	680	4067	2055	9271	6191	57	323	199
February	28742	547	2995	2669	4	546	38	23	617	2652	4	313	2812	1894	7488	5527	54	300	259
March	34106	883	4431	4197	4	869	34	33	1073	2490	24	337	2395	2289	8613	5745	73	302	314
April	33049	565	2488	2250	10	3795	124	293	4381	4396	17	495	4005	1256	5086	3222	37	440	189
May	34785	382	1311	1007		4624	165	276	5355	6483	28	753	5735	836	4206	2564	29	771	260
June	35584	390	1727	1651	10	3486	102	159	3711	7743	5	719	7131	1017	4514	2252	18	631	318
July	38743	546	2319	2412	1	2643	39	83	2842	9385	13	1100	8791	814	4753	1994	34	631	343
August																			
September																			
October																			
November																			
December																			
Annual Totals	237742	3757	17429	16325	33	16500	510	888	18459	37229	110	4397	34936	10161	43931	27495	302	3398	1882
Runway Utilization %		1.58%	7.33%	6.87%	0.01%	6.94%	0.21%	0.37%	7.76%	15.66%	0.05%	1.85%	14.69%	4.27%	18.48%	11.57%	0.13%	1.43%	0.79%
Arrival Totals	120150	3.13%		13.59%		13.73%		0.74%		30.99%		3.66%		8.46%		22.88%		2.83%	
Departures Totals	117592	14.82%		0.03%		0.43%		15.70%		0.09%		29.71%		37.36%		0.26%		1.60%	

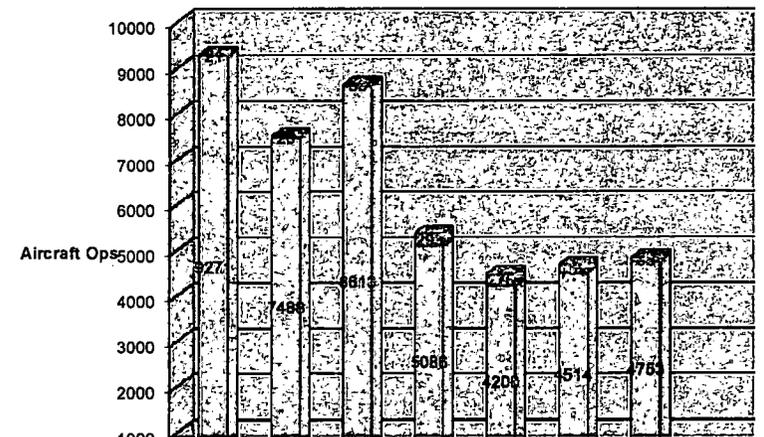
JFK Monthly Aircraft Activity 2013



Runway 13R Dep/31L Arr Monthly Movements



Runway 13R Arr/31L Dep Monthly Movements





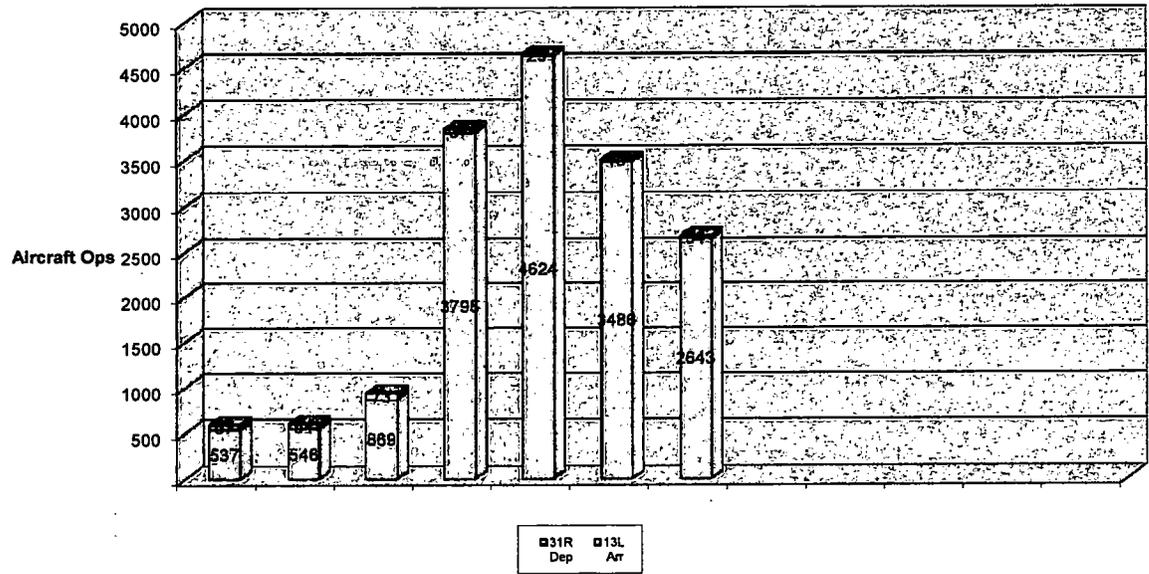
■31L ■13R
Arr Dep

1000

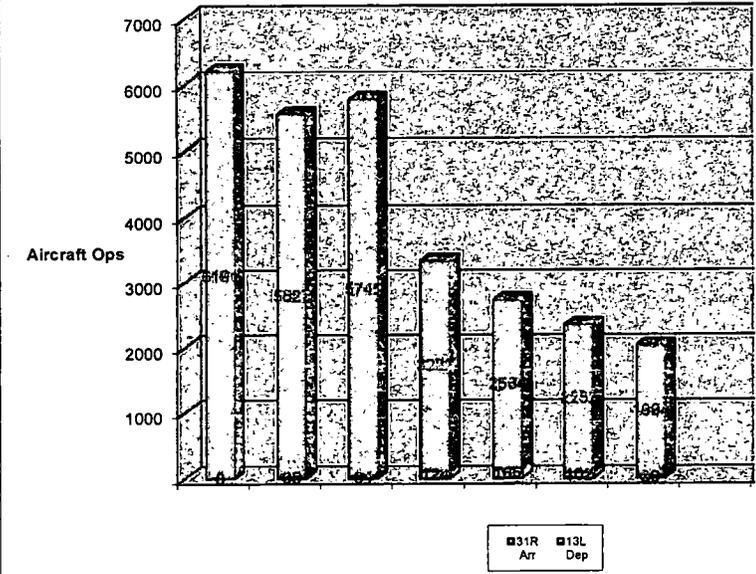


■13R ■31L
Arr Dep

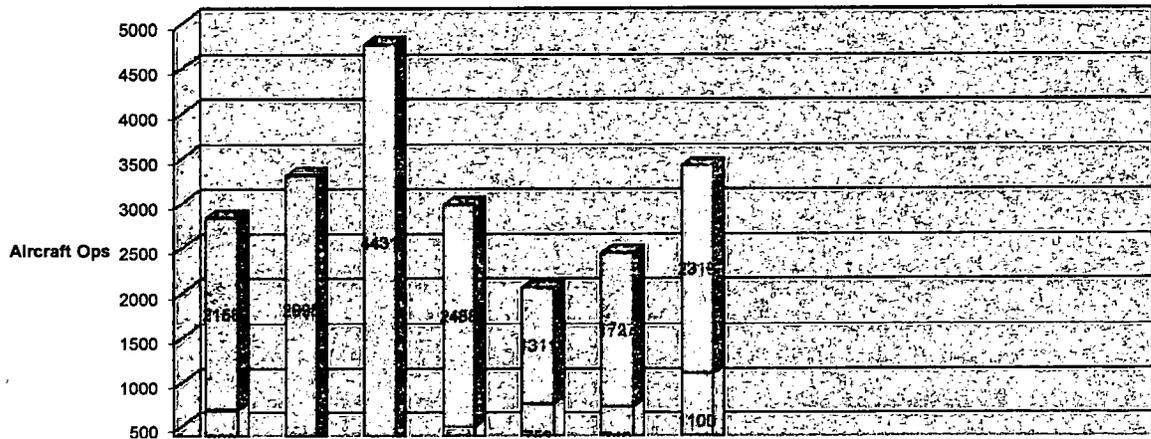
Runway 13L Arr/31R Dep Monthly Movements



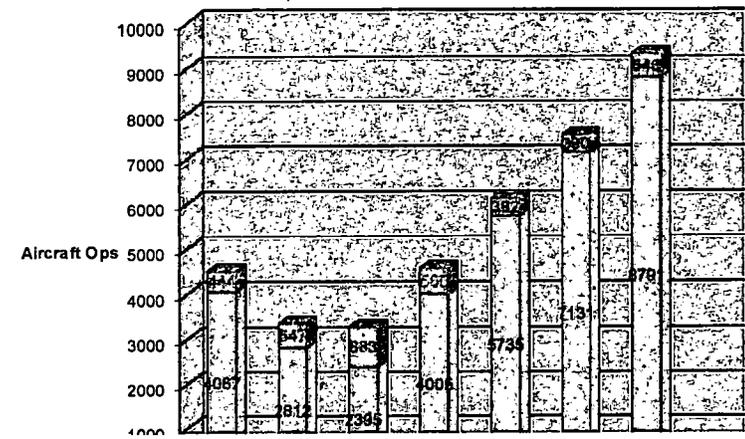
Runway 13L Dep/31R Arr Monthly Movements



Runway 4L Dep/22R Arr Monthly Movements



Runway 4L Arr/22R Dep Monthly Movements



000



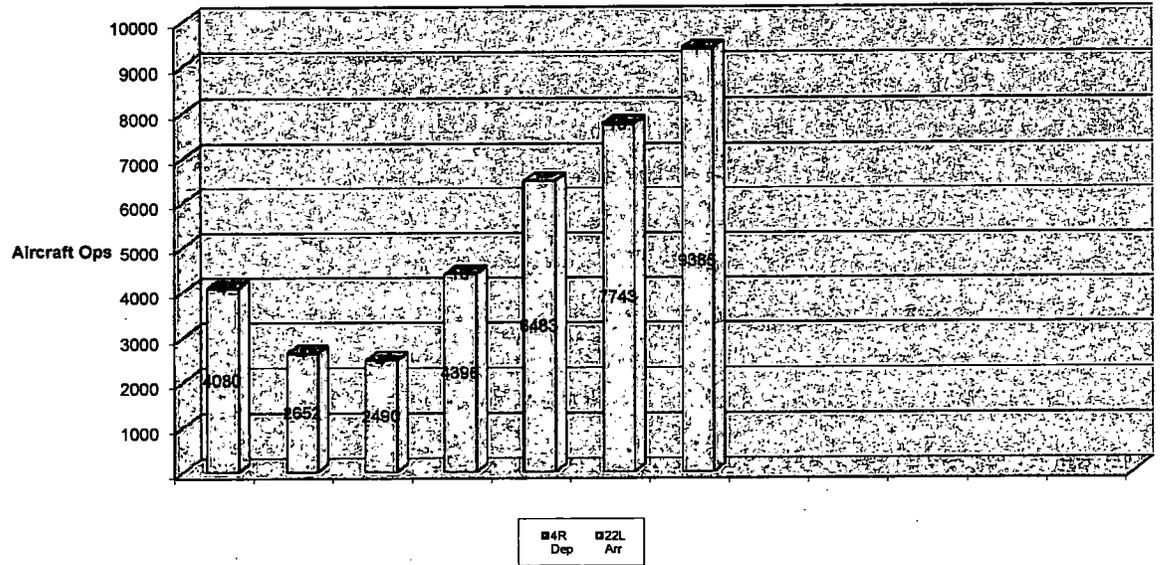
■4L	■22R
Dep	Arr

1000

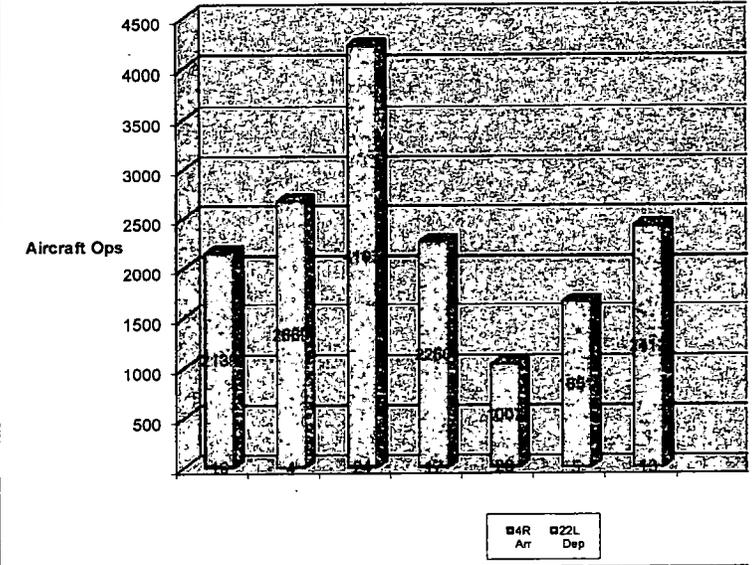


■4L	□22R
Arr	Dep

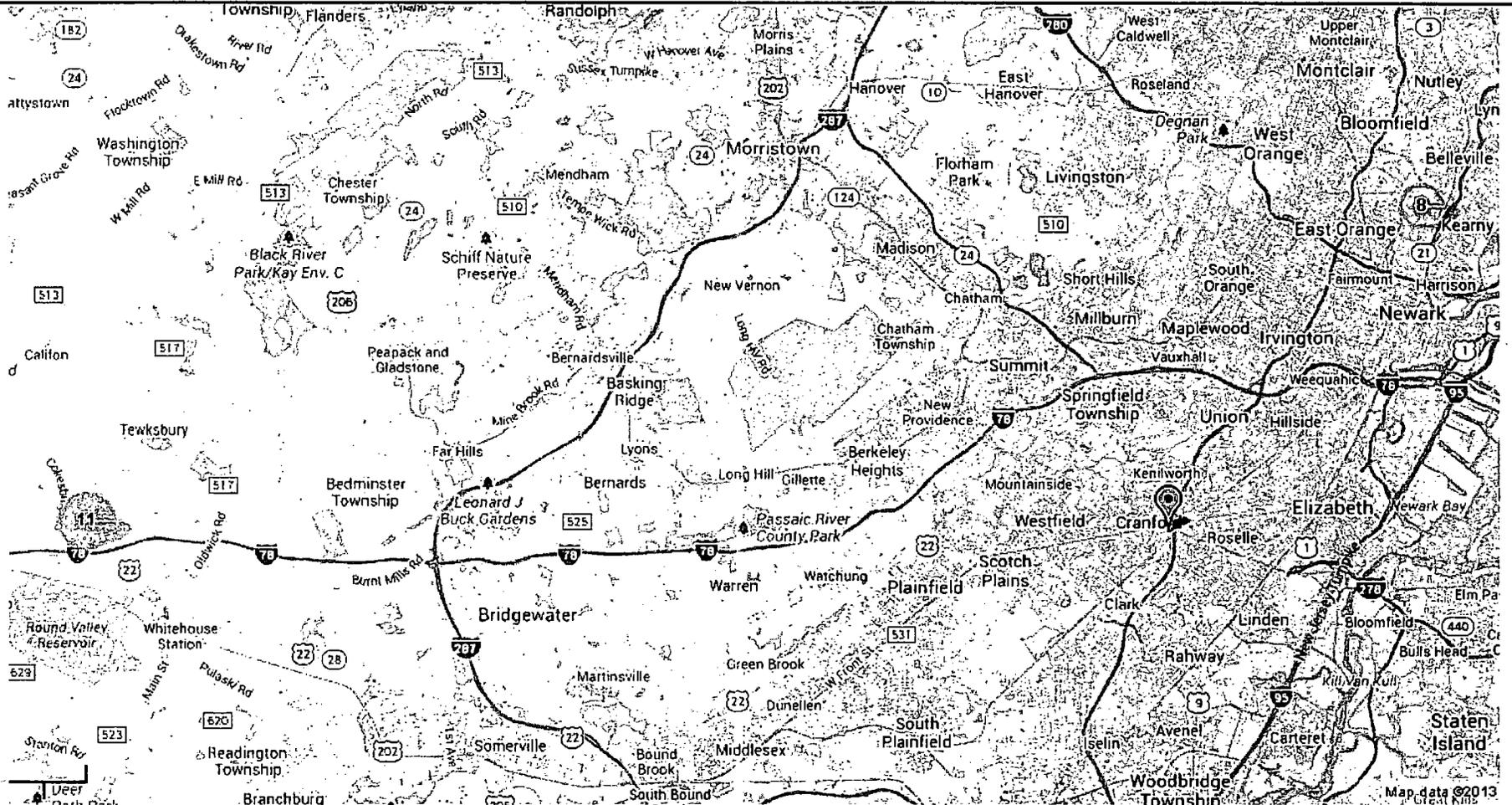
Runway 4R Dep/22L Arr Monthly Movements



Runway 4R Arr/22L Dep Monthly Movements



July 2013 Noise Complaints Mapped – EWR

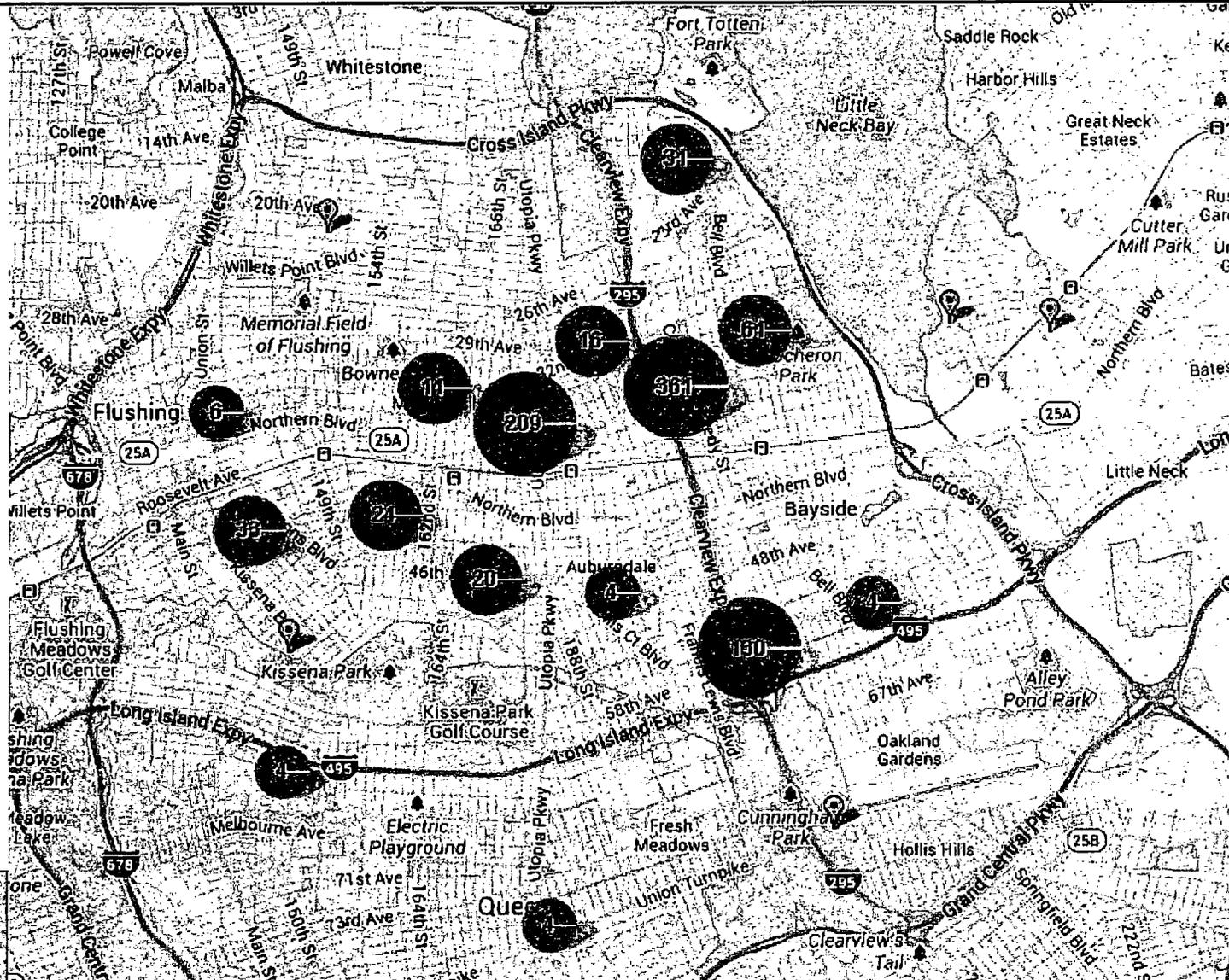


Airport LaGuardia JFK Newark Liberty Teterboro Don't Know/Not Sure



THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

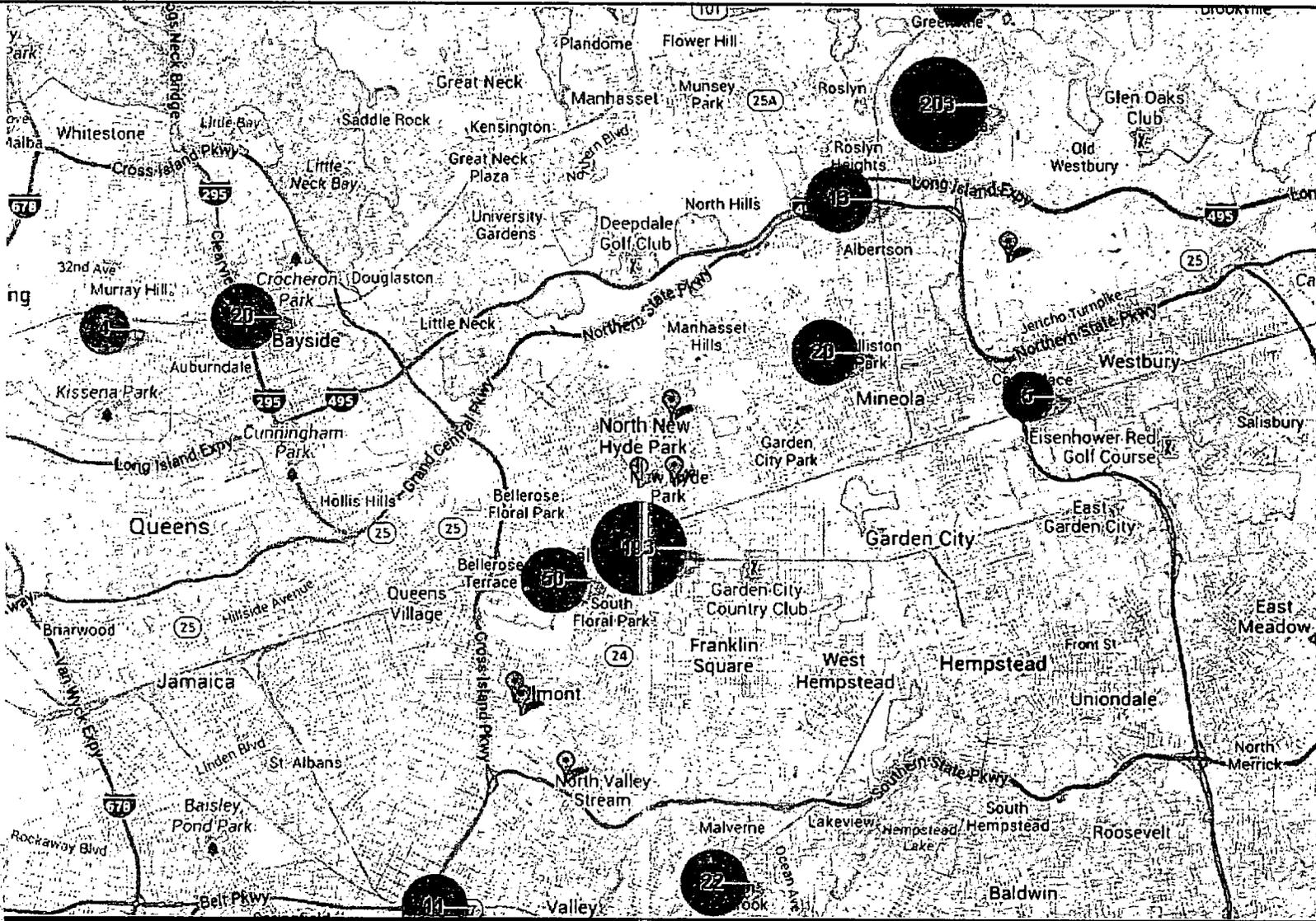
July 2013 Noise Complaints Mapped – LGA



✈️ Airport
📍 LaGuardia
📍 JFK
📍 Newark Liberty
📍 Teterboro
📍 Don't Know/Not Sure

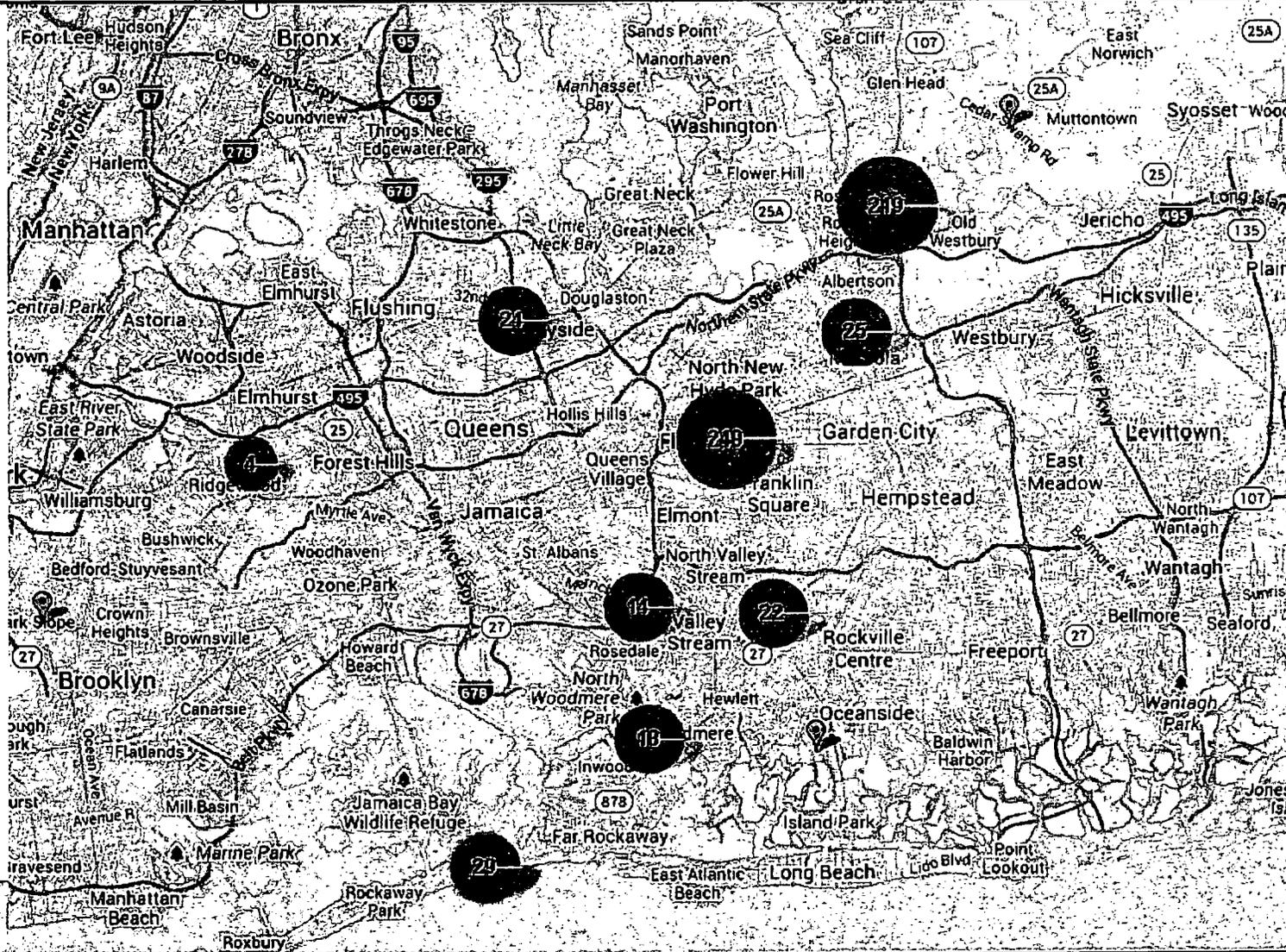


July 2013 Noise Complaints Mapped – JFK (detailed)



📍 Airport
📍 LaGuardia
📍 JFK
📍 Newark Liberty
📍 Teterboro
📍 Don't Know/Not Sure

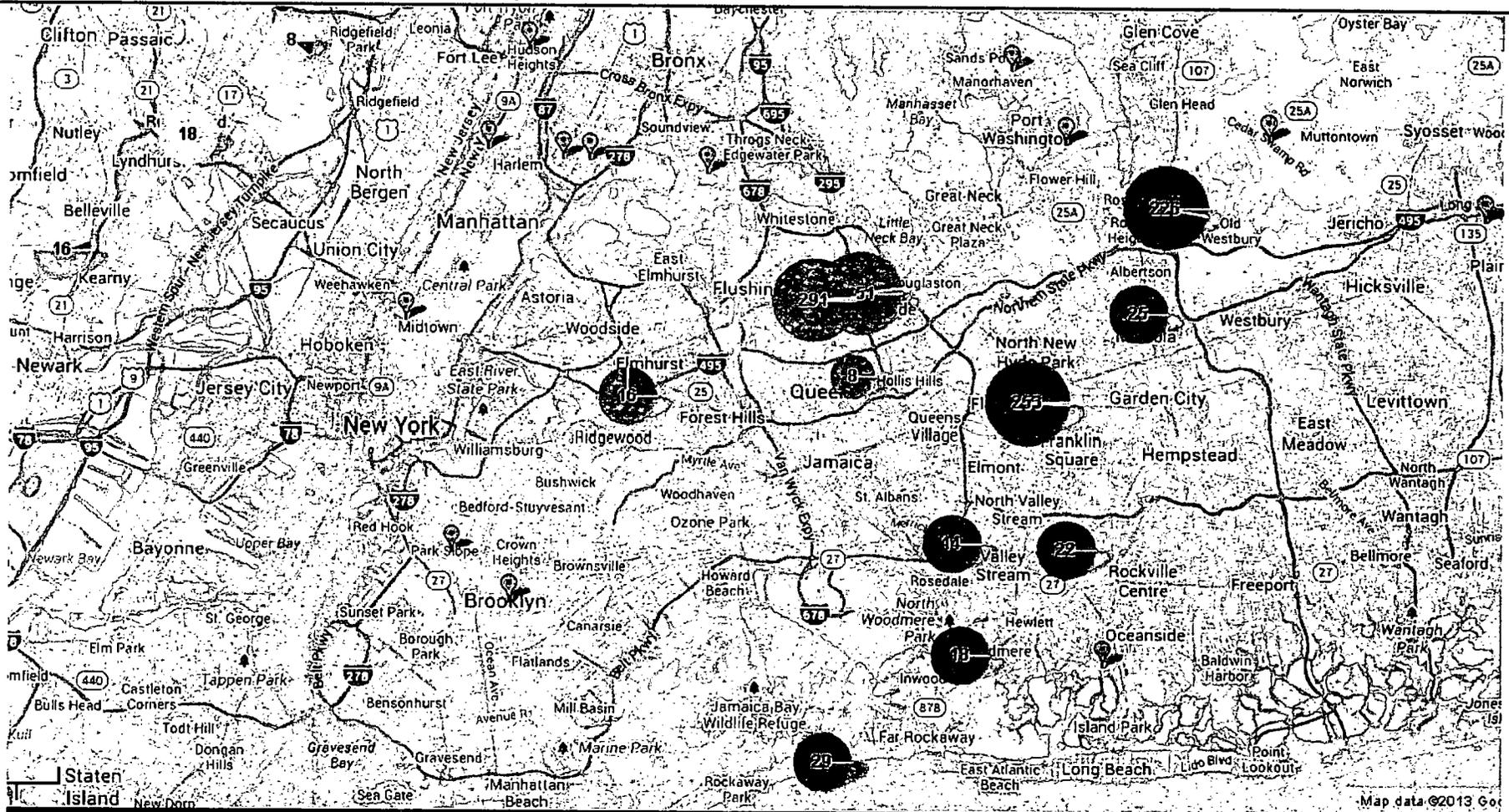
July 2013 Noise Complaints Mapped – JFK



Airport LaGuardia JFK Newark Liberty Teterboro Don't Know/Not Sure

IRITY
NEW JERSEY

July 2013 Noise Complaints Mapped – All Airports (detailed)



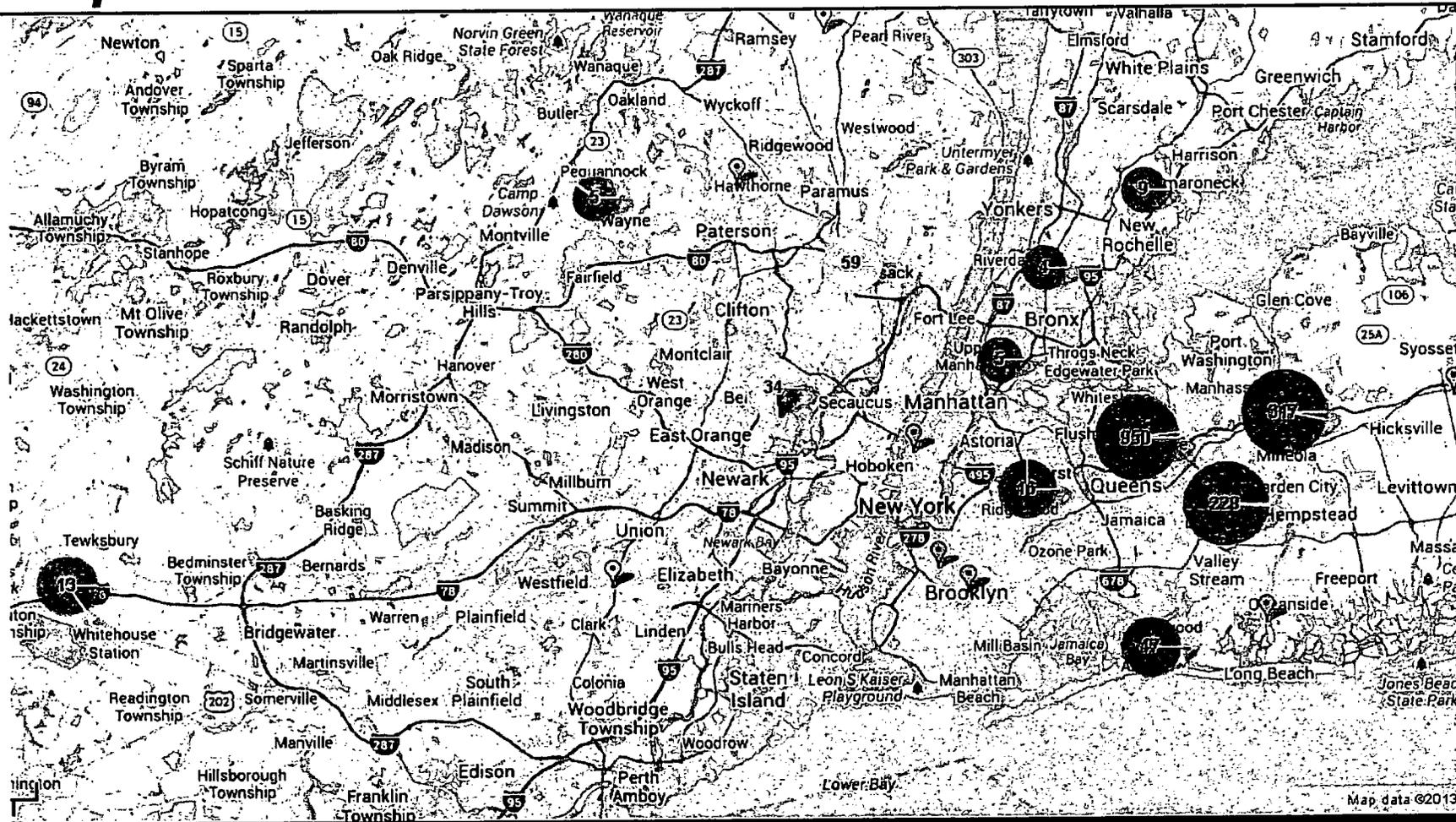
Map data ©2013 Google

Airport LaGuardia JFK Newark Liberty Teterboro Don't Know/Not Sure



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July 2013 Noise Complaints Mapped – All Airports



Airport LaGuardia JFK Newark Liberty Teterboro Don't Know/Not Sure

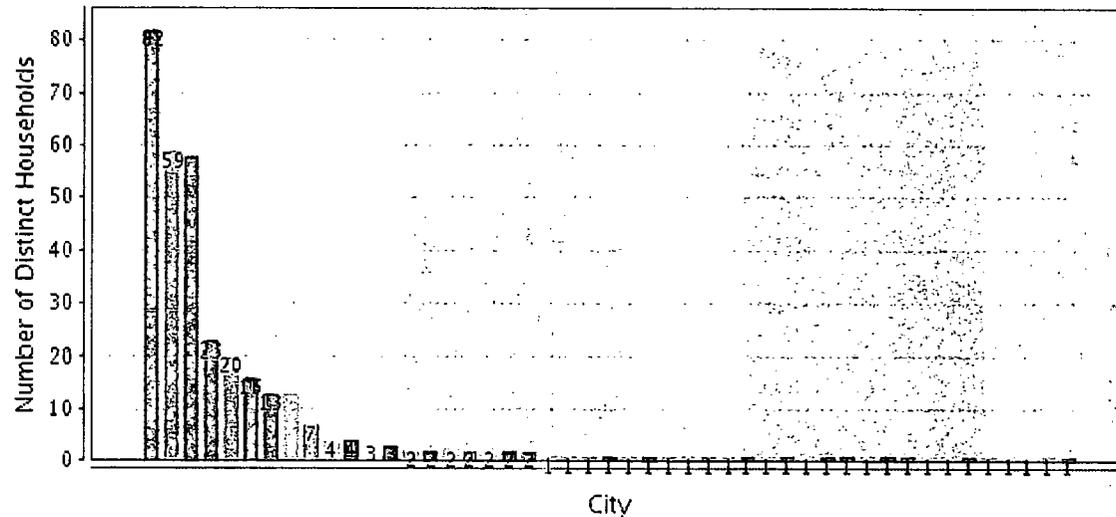


THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

Complaint Statistics – July 2013

Distinct Households/City (ex TEB and HELO)

Number of Distinct Households: 346



- Bayside
 [Other]
 Flushing
 Roslyn
 Floral Park
 Arverne
 Roslyn Heights
 New Hyde Park
 Malverne
 Rosedale
 Bronx
 Newark
 Maspeth
 Port Washington
 New York
 Middle Village
 Lynbrook
 Fresh Meadows
 Brooklyn
 Albertson
 Woodside
 Williston Park
 Whitestone
 Valley Stream
 Ridgewood
 Rego Park
 Port Jefferson
 Pequanock
 Old Westbury
 North Haledon
 North Babylon
 New Rochelle
 Little Neck
 Little Ferry
 Lebanon
 Larchmont
 Hollis Hills
 Greenvale
 Garden City
 Franklin Square
 Douglaston
 Cranford
 Cedarhurst
 Carle Place
 Broad Channel
 Bellerose Village
 Bayside Hills

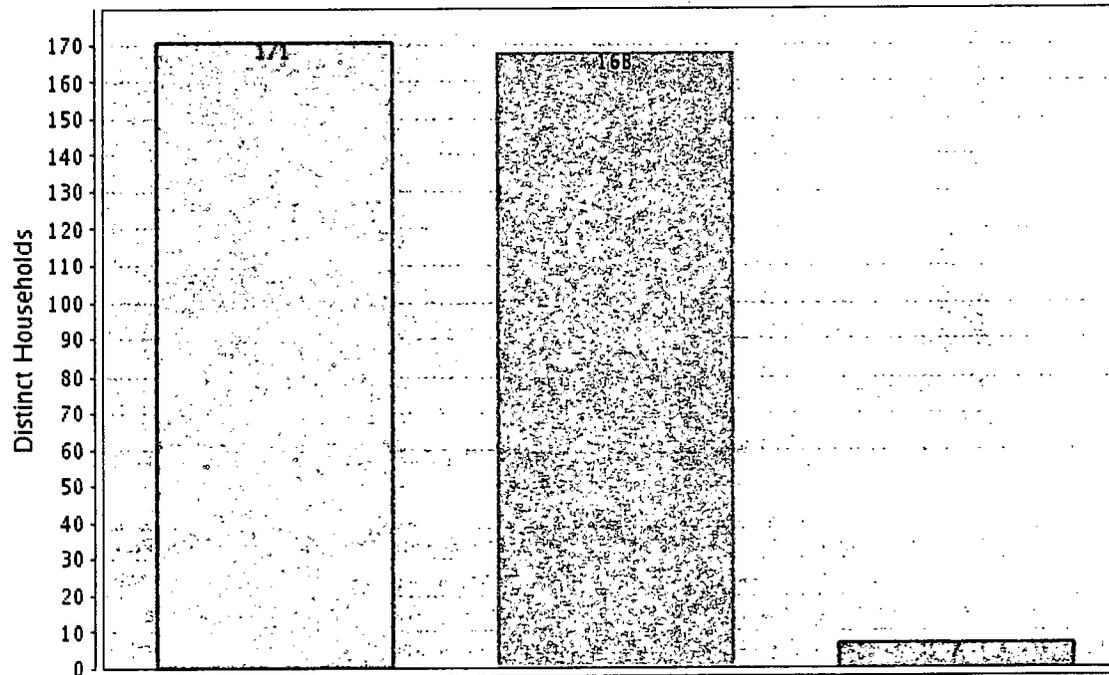


**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

Complaint Statistics – July 2013

Total Complainants/Airport (ex TEB and HELO)

Distinct Households: 346



Airport

□ John F. Kennedy International □ LaGuardia □ Newark Liberty International



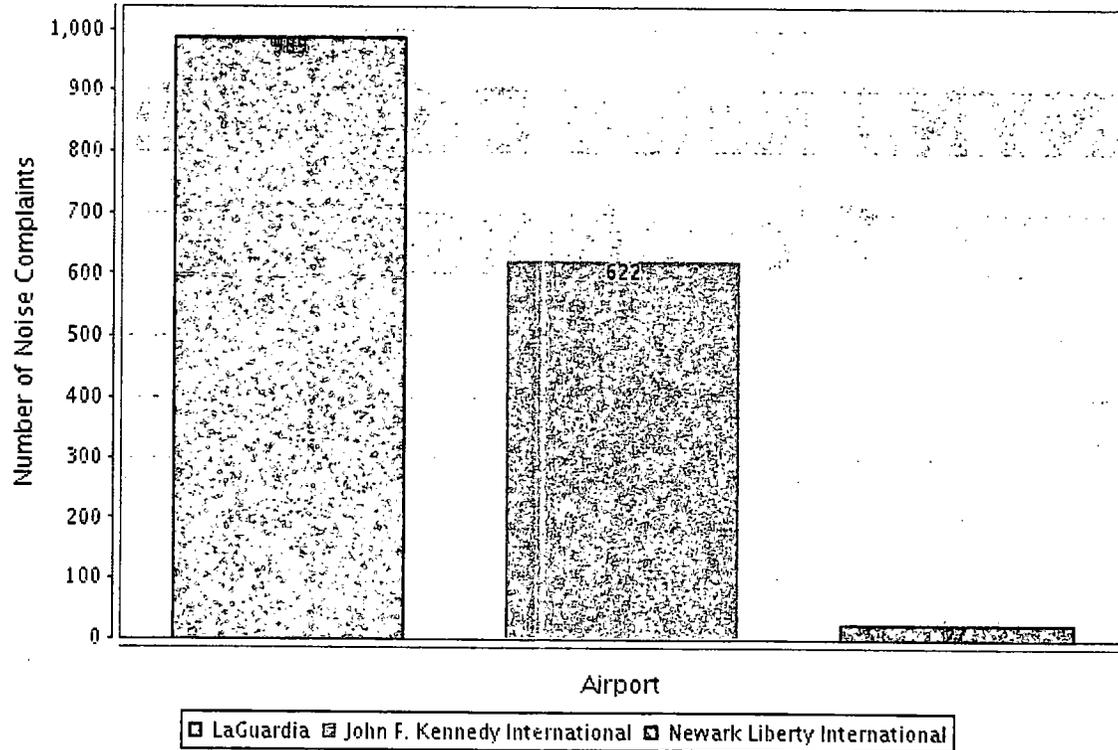
**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

Complaint Statistics – July 2013

Complaints by Airport

Noise Event Date>='Jul 01 2013 00:00' and Noise Event Date<='Jul 31 2013 23:59'

Number of Noise Complaints: 1,638



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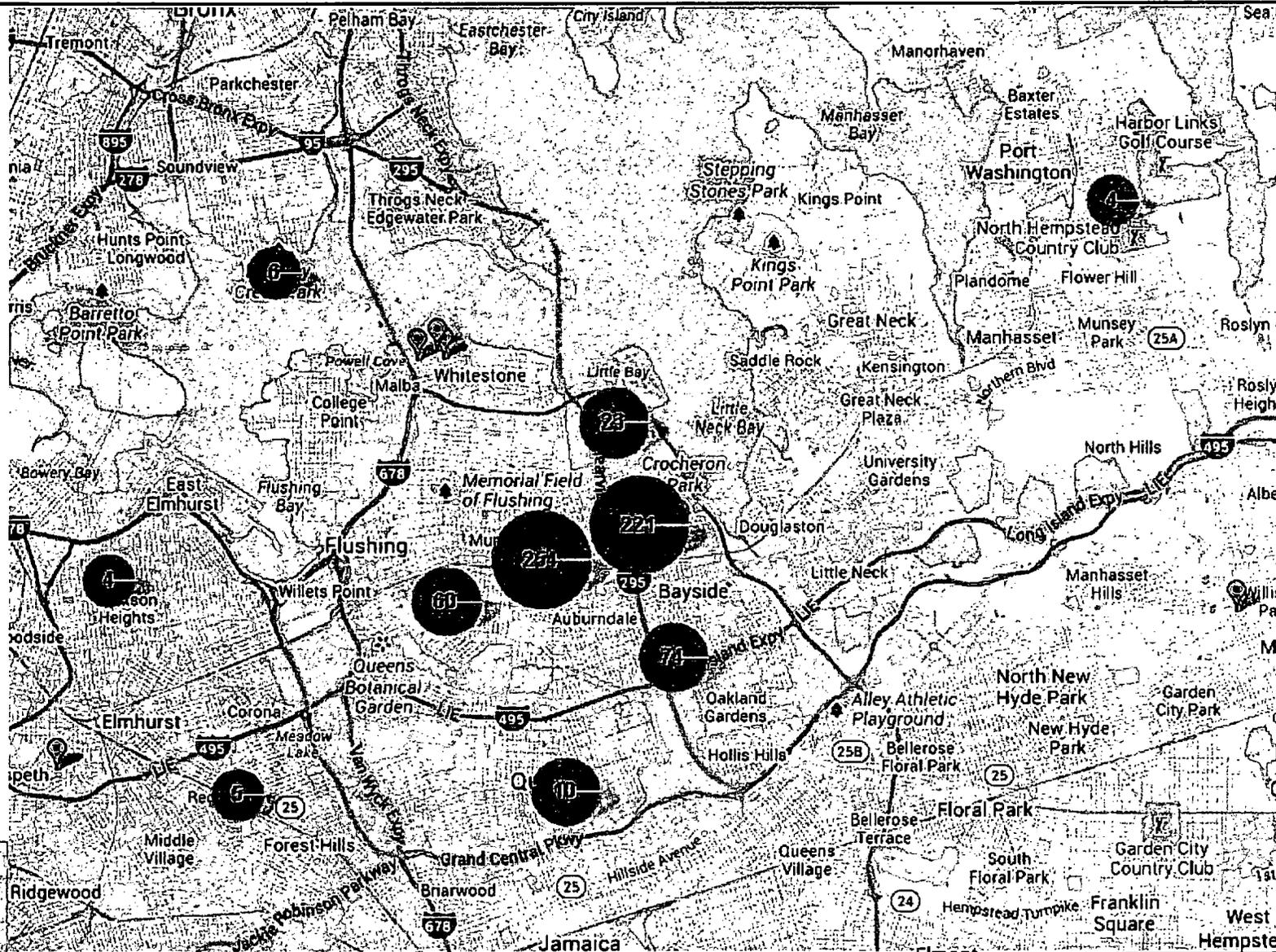
PANYNJ Noise Complaints PlaneNoise

July 2013



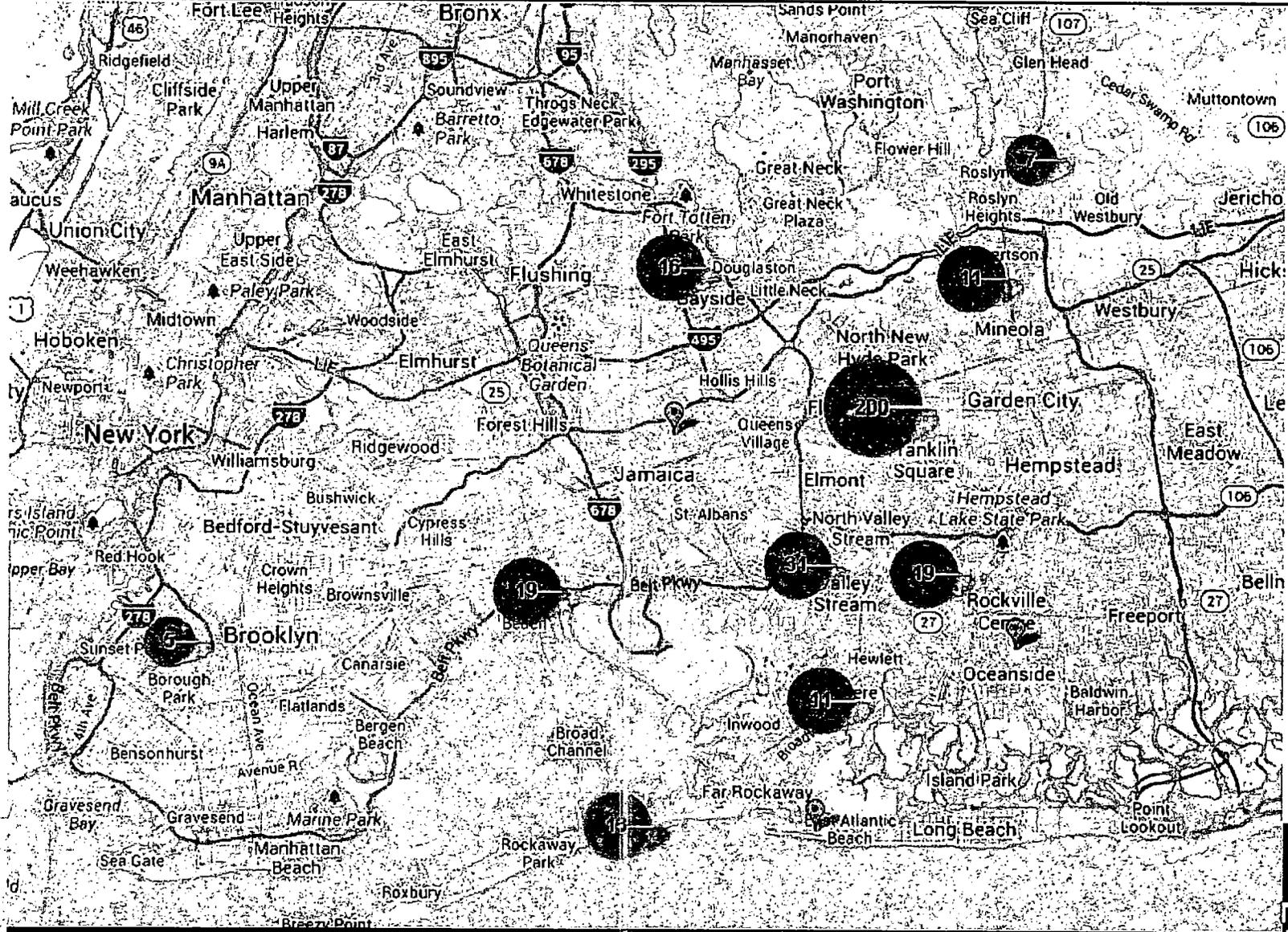
**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

June 2013 Noise Complaints Mapped – LGA

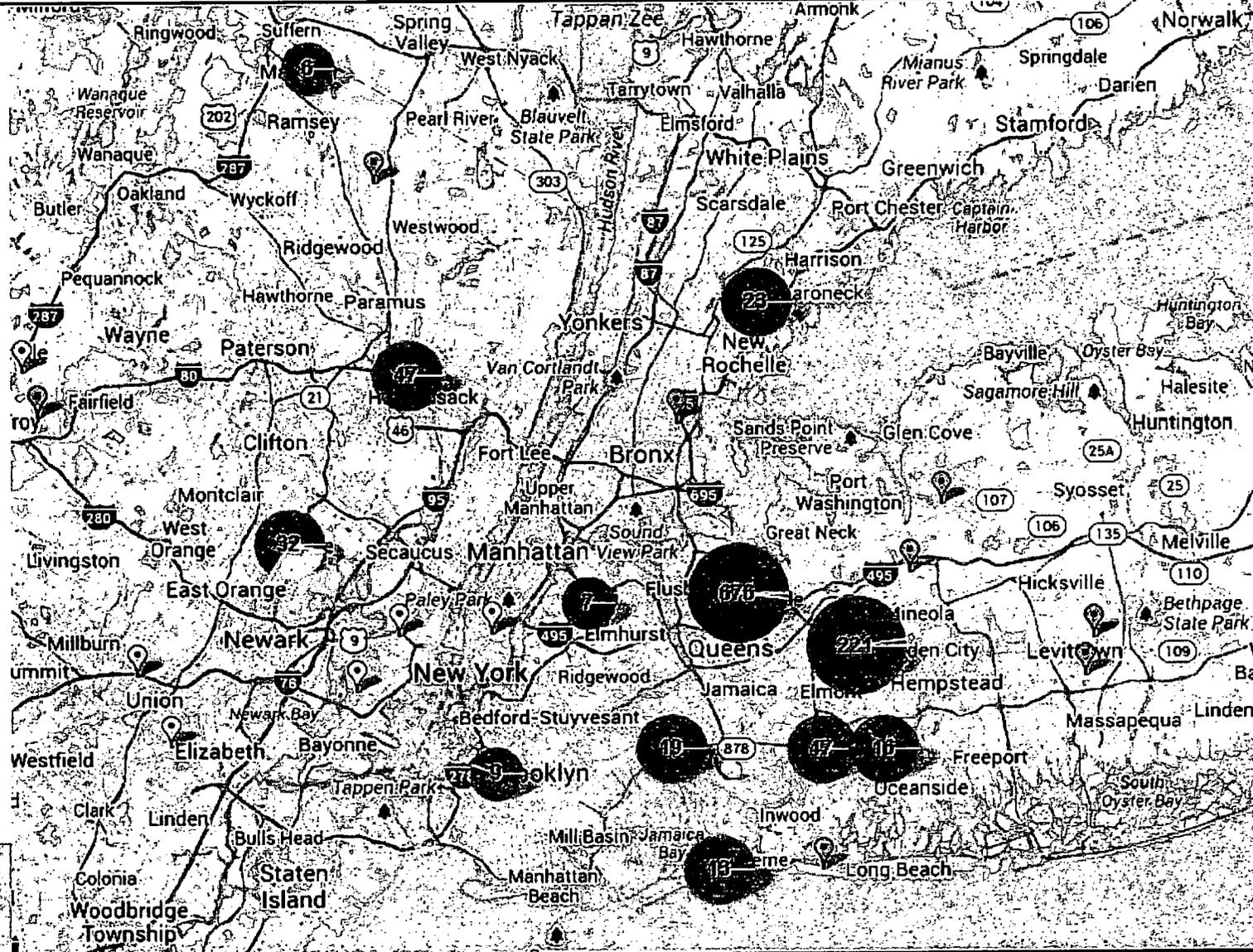


Airport JFK LaGuardia Unknown Newark Liberty Teterboro

June 2013 Noise Complaints Mapped – JFK



June 2013 Noise Complaints Mapped – All Airports



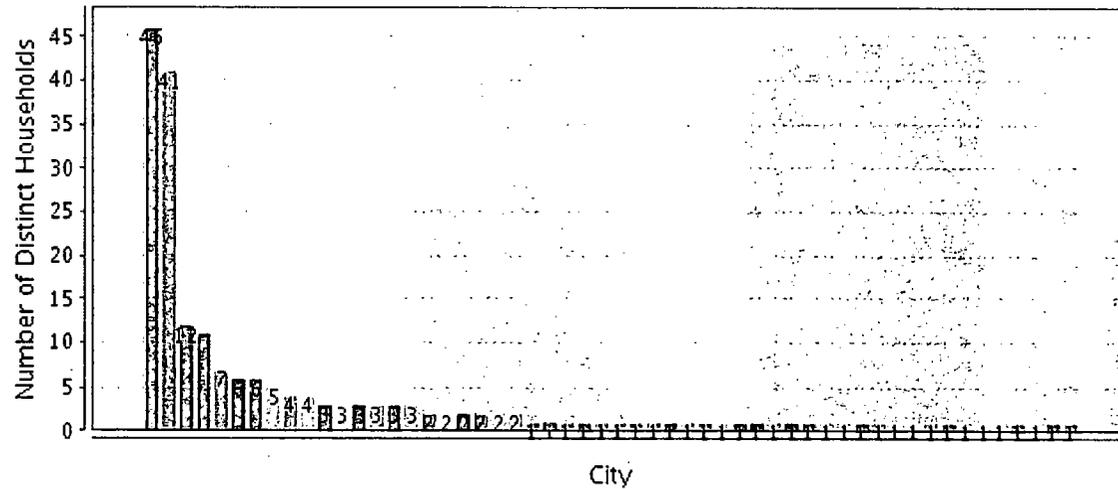
Airport JFK LaGuardia Unknown Newark Liberty Teterboro

CITY
NEW JERSEY

Complaint Statistics – June 2013

Distinct Households/City (ex TEB and HELO)

Number of Distinct Households: 204



- Flushing Bayside Floral Park [Other] New Hyde Park Valley Stream Malverne Arverne
- Rosedale Brooklyn Roslyn Rego Park Newark Lynbrook Howard Beach East Elmhurst
- Williston Park Ozone Park New Rochelle Laurelton Garden City Douglaston Woodmere
- Whitestone Union Springfield Gardens Roslyn Heights Rockaway Park Rockaway Beach Queens
- Port Washington Old Westbury Oceanside Montville Montclair Mineola Mastic Levittown
- Lebanon Larchmont Jersey City Jamaica Greenvale Fresh Meadows East Rockaway Cedarhurst
- Bronx Bethpage Beechhurst Bayside Hills Babylon Atlantic Highlands Atlantic Beach
- Albertson

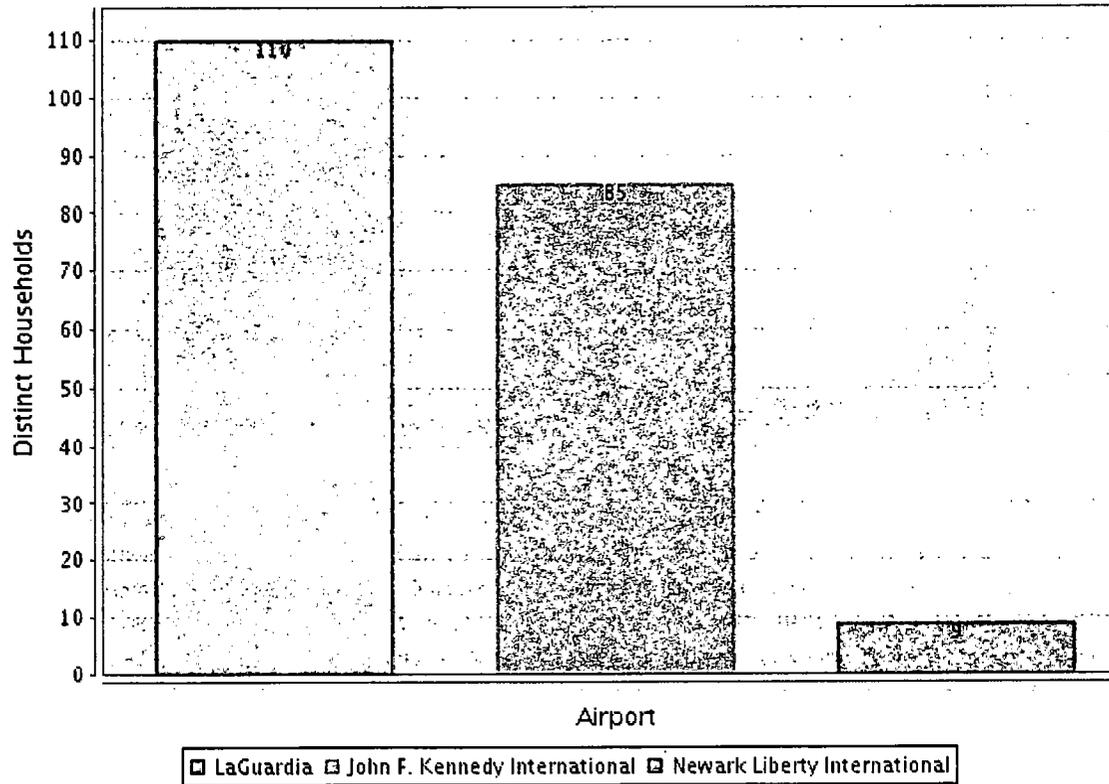


**THE PORT AUTHORITY
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Complaint Statistics – June 2013

Total Complainants/Airport (ex TEB and HELO)

Distinct Households: 204

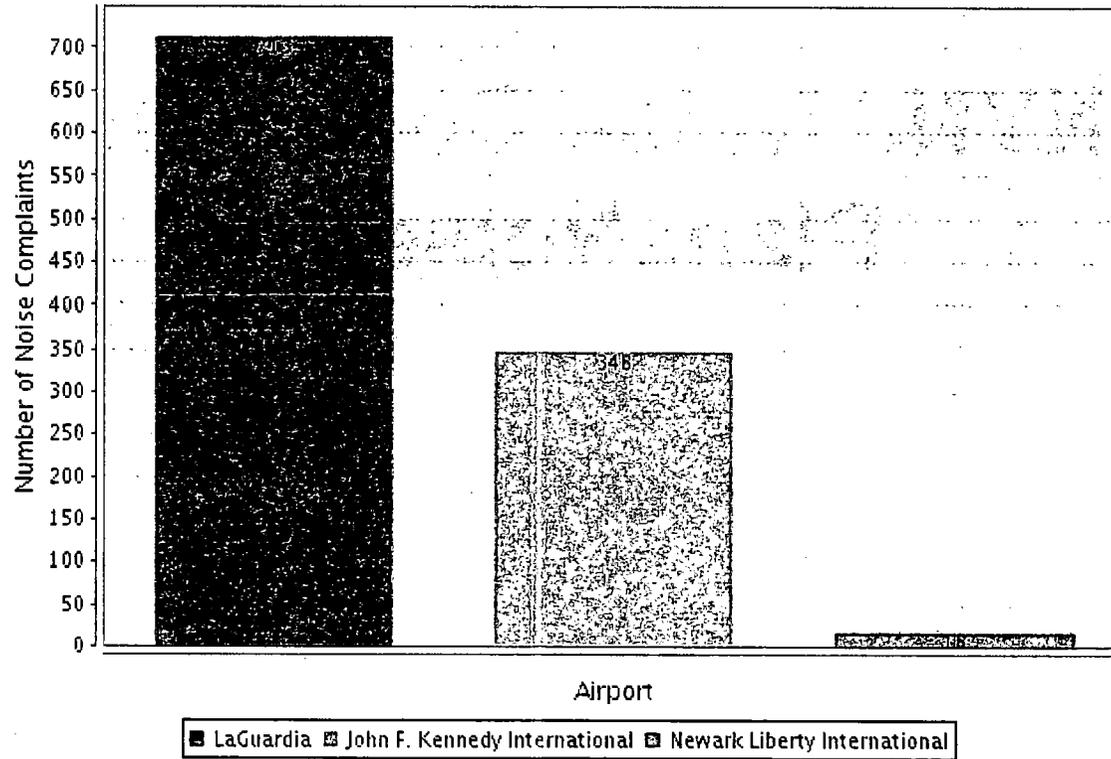


**THE PORT AUTHORITY
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Complaint Statistics – June 2013

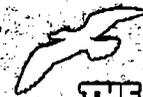
Complaints by Airport

Noise Event Date>='Jun 01 2013 00:00' and Noise Event Date<='Jun 30 2013 23:59'
Number of Noise Complaints: 1,079



PANYNJ Noise Complaints PlaneNoise

June 2013



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

Maspeth Town Hall Public Information Meeting

The Port Authority of NY and NJ Airport Noise & Operations Monitoring System (ANOMS)

November 6, 2013



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

New ANOMS Contract

- *New ANOMS Contract procured through publicly advertised bid (Request for Proposal)*
- *2 Proposal Bids were received*
- *Bruel & Kjaer was selected by committee to provide the ANOMS solution based on responsiveness to RFP, technical approach, management approach, and cost. Approval was provided by PANYNJ Board of Commissioners in May 2013.*
- *Bruel & Kjaer is world leader in noise management (70 years of experience, over 230 Airports worldwide including London Heathrow, Los Angeles, Denver, Toronto Pearson, and Chicago O'Hare Airports)*



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New ANOMS Contract - Continued

- *Replaced existing 11 Permanent Noise Monitoring Terminals (NMT) as of October 21, 2013 (7 Portable NMTs will be replaced starting in March of 2014)*
- *New NMTs are capable of using 3G/4G wireless connection for communication instead of copper phone line currently used*
- *10 years of noise and flight tracking legacy data has been retained*
- *Public website will be launched to track flight tracks, monitor noise decibel readings, providing runway closure announcements, and file noise complaints (about 20 minutes delayed) – End of 2013*
- *Public website will be similar to currently available for Denver (DEN) and Los Angeles (LAX), Chicago (ORD) Airports.*
- *Flight tracking data is available for analysis within 24 hours as compared to previous setup where 4-days data aging process was required per FAA before being available in the system.*



New ANOMS Contract - Continued

- *Existing PlaneNoise noise complaint system has been integrated into new ANOMS – Noise complaints that have been validated are pushed to ANOMS database automatically*
- *System continues to detect noise departure limit of 112 PNDB (perceived noise level in decibels) to issue violations at JFK, LGA, and EWR*
- *Noise Contours for each airport will be available every year - with validation/auditing service provided by an independent Noise Consulting Firm*
- *Contract will be for three (3) years, with the option for three (3) additional two (2) year extensions.*



New ANOMS Contract - Schedule

- *PANYNJ Board Approval to enter into contract - May 2013*
- *Contract Award – June 27, 2013*
- *First Phase to setup System software and transfer legacy data completed in September 2013*
- *Hardware replacement (i.e. 11 Permanent NMTs) – Installation complete on October 21, 2013*
- *Public noise website with flight tracking, noise monitoring data, and noise complaints, is planned to be launched in December 2013*
- *Hardware replacement (i.e. Portable NMTs) is planned to take place in Spring of 2014.*

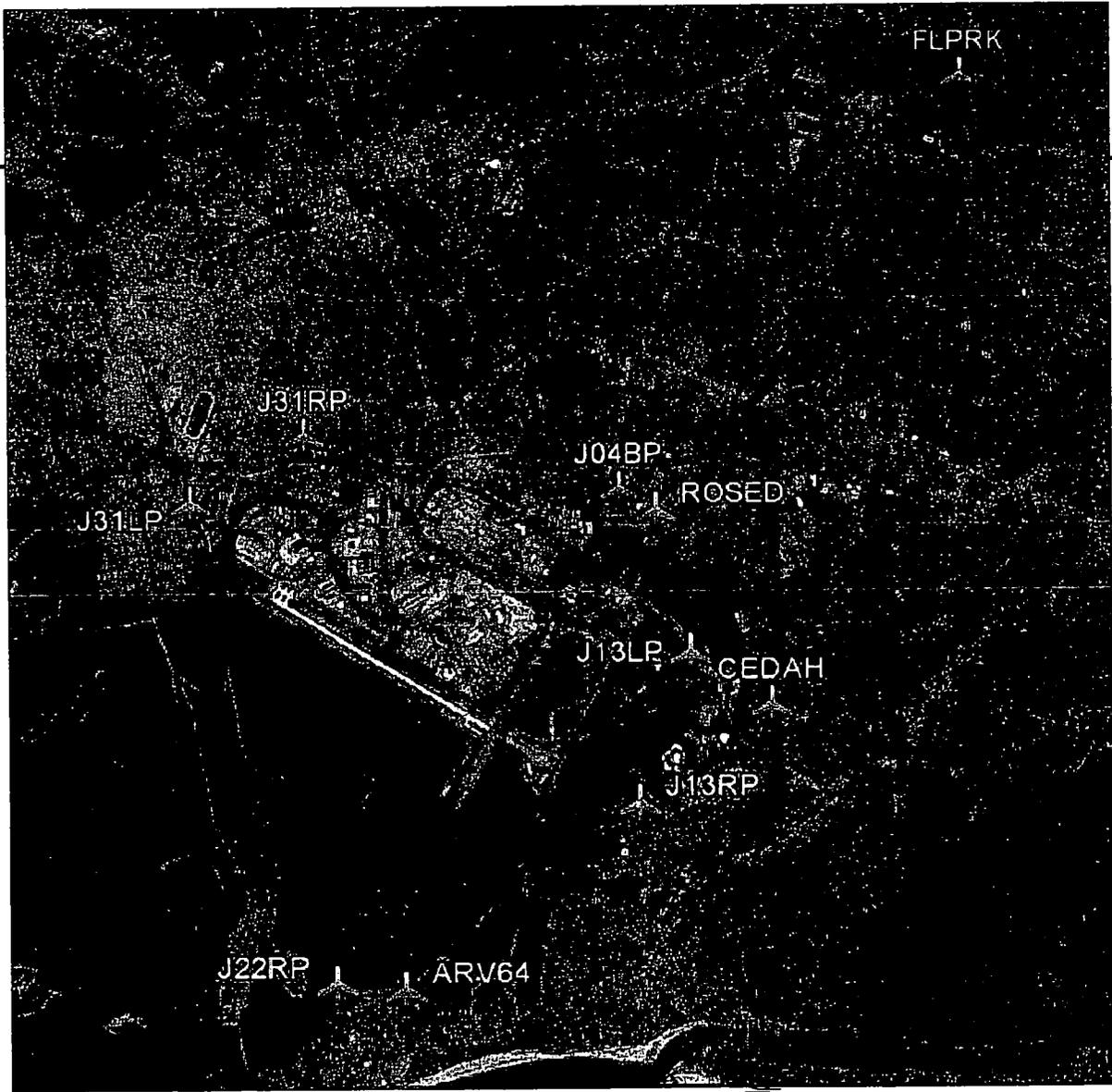


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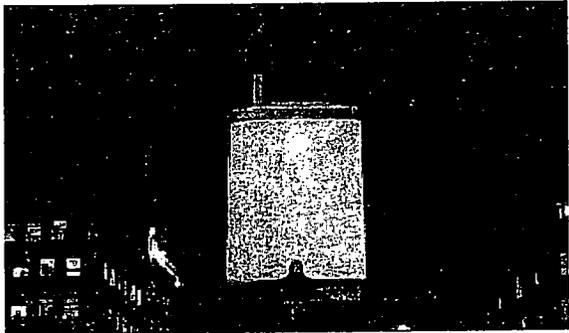
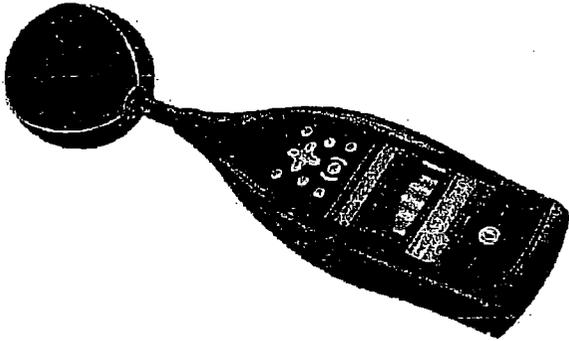
Aircraft Noise Monitors for LGA



THE PORT AUTHORITY
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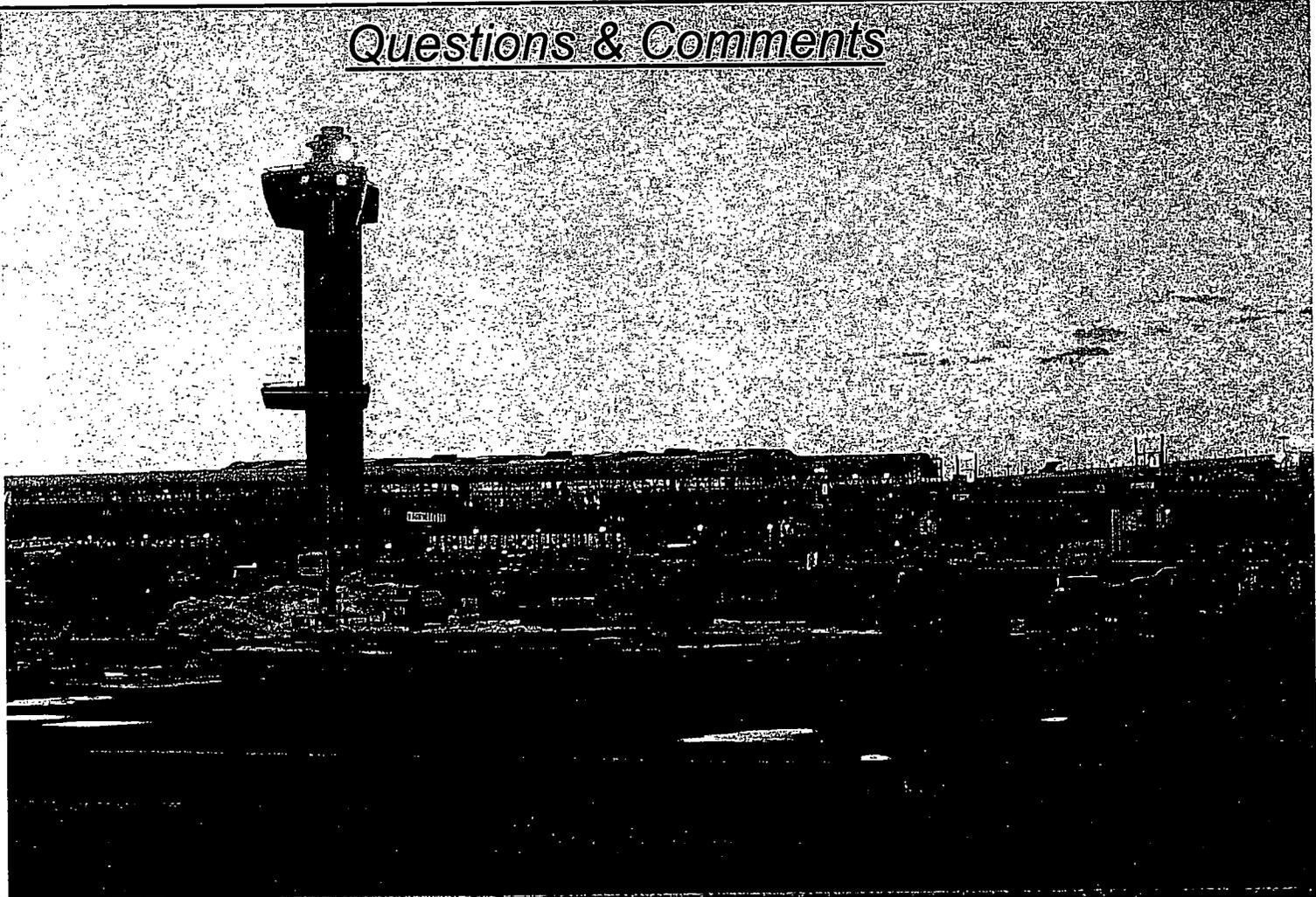


JFK



THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

Questions & Comments



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

TVASNAC Meeting

Airport Noise & Operations Monitoring System (ANOMS)

June 24, 2013



THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

New ANOMS Contract

- *New ANOMS Contract procured through publicly advertised bid (Request for Proposal)*
- *2 Proposal Bids were received*
- *Bruel & Kjaer was selected by committee to provide the ANOMS solution based on responsiveness to RFP, technical approach, management approach, and cost. Approval was provided by PANYNJ Board of Commissioners in May, 2013.*
- *Bruel & Kjaer is world leader in noise management (70 years of experience, over 230 Airports worldwide including London Heathrow, Los Angeles, Denver, Toronto Pearson, and Chicago O'Hare Airports)*



**THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY**

New ANOMS Contract - Continued

- *Will replace the existing 22 Noise Monitoring Terminals (NMT) – 11 permanent and 11 portable units*
- *New NMTs will be capable of using 3G/4G wireless connection for communication instead of copper phone line currently used*
- *10 years of noise and flight tracking legacy data will be retained*
- *Public website will be launched to track flight tracks, monitor noise decibel readings, providing runway closure announcements, and file noise complaints (10 minutes delayed)*
- *Public website will be similar to currently available for Denver (DEN) and Los Angeles (LAX), Chicago (ORD) Airports.*
- *Flight tracking data will be available for analysis within 24 hours as compared to current setup where 4-days data aging process is required per FAA before being available in the system.*



New ANOMS Contract - Continued

- *Existing PlaneNoise noise complaint system will be integrated into new ANOMS*
- *System will detect noise departure limit of 112 PNDB to issue violations at JFK, LGA, and EWR*
- *Noise Contours for each airport will be available every year - with validation/auditing service provided by an independent Noise Consulting Firm*
- *Contract will be for three (3) years, with the option for three (3) additional two (2) year extensions.*

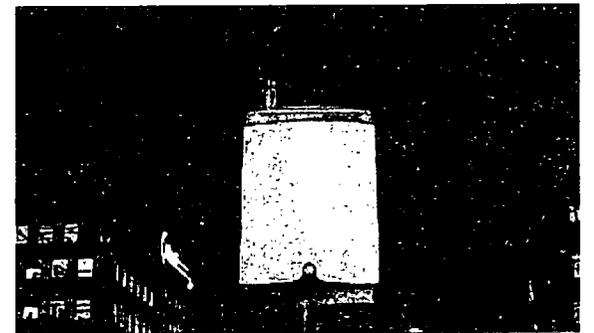
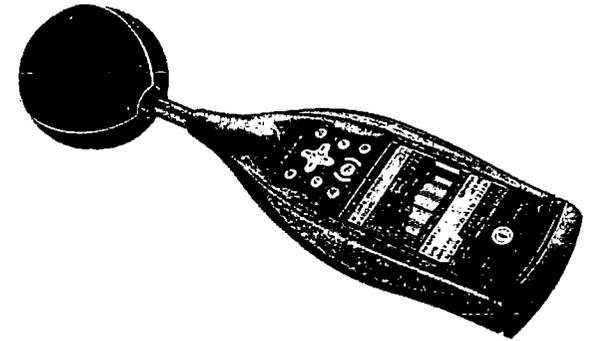


New ANOMS Contract - Schedule

- *PANYNJ Board Approval to enter into contract - May 2013*
- *Final Contract negotiations underway – goal is to award contract within next couple of weeks*
- *First Phase to setup System software and transfer legacy data is planned to take place in July and August*
- *Hardware replacement (i.e. Permanent NMTs) is planned to take place in September and October*
- *Public noise website with flight tracking, noise monitoring data, and noise complaints, is planned to be launched in November-December timeframe*
- *Hardware replacement (i.e. Portable NMTs) is planned to take place in Spring of 2014.*



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OF NEW YORK & NEW JERSEY**



THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

Questions & Comments

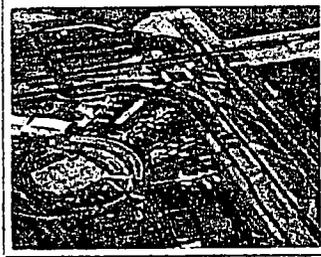
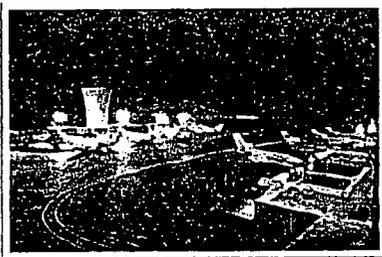


Thank you!



THE PORT AUTHORITY
OF NEW YORK & NEW JERSEY

The Port Authority of New York and New Jersey
Airport Noise and Operations Management Program
Briefing to Senator Tony Avella

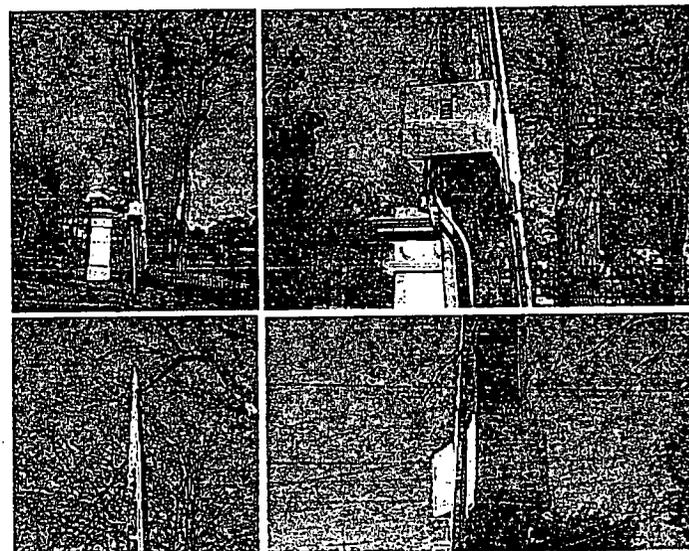


March 13, 2014

Background



Sound Proofing Program (1983)



Noise Monitoring

Defining Roles

Port Authority Role

The Port Authority is responsible for **maintaining** the following at its airports:

- Runways
- Taxiways
- Roadways
- Parking Lots
- Noise Complaint and Data Collection

FAA Role

The FAA ensures the safe navigation of aircraft, and is thus the decision-maker on:

- Airspace
- Flight Paths
- Runway Utilization
- Departures/Arrivals per Hour (slots)

Executive Summary

- **Governor's Directive**
 - Federal Part 150 Noise Compatibility Study
 - Aviation Community Roundtable
- **Next Steps**
 - Port Authority's Role versus FAA's Role
 - Establish Two Aviation Community Roundtables
 - Perform Two Part 150 Noise Compatibility Studies
 - Expand Portable Noise Monitoring System
 - Create a New Noise Office
 - Launch a New Port Authority Website Tracking System
 - Establish Meeting Times and Places of Roundtables
 - Advance Notice Provided to Officials

Create a New Noise Office

In order to implement:

- **The Part 150 Noise Compatibility studies**
- **The Aviation Community roundtables**
- **Manage the current ANOMS contract and additional consultants**
- **Expand and maintain the portable Noise Monitoring System**

The Port Authority has authorized a new noise office.

Port Authority Noise Monitoring

Port Authority will enhance its noise monitoring

- Utilize portable noise monitors
 - Placed in communities without monitors
 - Provide flexibility to move monitors around Queens and Nassau
- The purpose of permanent noise monitors is to monitor noise produced by departing aircraft and identify aircraft that exceed 112PNdB
- The portable monitors are typically place outside the 65dNL contour, the area considered by the FAA to have significant noise impact

Aviation Community Roundtables

Port Authority will create two roundtables

The roundtables will:

- Facilitate communication
- Develop recommendations with the goal of enhancing economic growth and compatibility in the communities adjacent to John F. Kennedy International and LaGuardia Airports
- Meet on a regular scheduled basis
- Provide communities input, information and ongoing updates during the separate Part 150 studies
- If there are issues that overlap between the two roundtables— a conference committee between the two roundtables will convene.



Website View of Webtrak

THE PORT AUTHORITY OF NEW YORK & NEW JERSEY

Start Here | Investigate | Legend | Help

Quick Start Guide

Using WebTrak you can track the flight activity in to and out of The Port Authority of New York & New Jersey, along with information about each aircraft.

Aircraft | Map | Controls | Noise | Texas | Panels

Aircraft

Aircraft are color-coded to show whether they are arrivals, departures or over flights. Please refer to Legend tab for details of color usage.



The line trailing behind each aircraft shows where it flew in the last 30 seconds.

Other Colors...

Flights | Display | Prefix | Address Lookup

Mode Show current flights Historical

Date to load

Flights by hour for Mar 4 2014



Time to start replay 11:25:55 AM



Mar 4 2014 12:26:33 PM

**TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE (TANAAC)
MEETING**

SUMMARY OF MINUTES

January 23, 2013

ATTENDANCE

Renee Spann, TEB Airport Manager
Huntley Lawrence, GM, NJ Airports
Gabriel Andino, Manager, Noise Abatement
Michael Fiscus, Noise Abatement Office
John Panarello, Manager of Airport Services
Gary Palm, Manager, ATCT
Peter Kortright, Representative
Adam Veenstra, Field Rep
Marlin Townes, Dep. Mayor
Fritz Rethage, Representative
Corinne Wehrle, Representative
Paul Griffo, Representative
Jim O'Dwyer, Councilman
Steve Riethof
Al Rabasca
Jeff Gilley
Pierre Gaillard, Alternate
Leila Moore, Guest
Kevin Heaney, Guest
Roy Luyster, Guest
Carol Skiba, Guest

Port Authority of NY & NJ
Port Authority of NY & NJ
Teterboro Airport/AvPORTS
Teterboro Airport/AvPORTS
Teterboro Airport/AvPORTS
FAA
Bergen County
Congressman Pascrell's Office
City of Hackensack
Borough of Hasbrouck Heights
Borough of Little Ferry
Borough of Rutherford
Borough of Teterboro
AOPA/ASN & AHOF
Signature Flight Support
National Business Aviation Assoc.
City of Hackensack
City of Hackensack
City of Hackensack
Township of Rochelle Park
Borough of Hasbrouck Heights

**TANAAC
Teterboro Airport
January 23, 2103
90 Moonachie Avenue, PA Conference Room
Minutes Summary**

Ms. Renee Spann called the meeting to order and wished everyone a happy new year. Renee expressed her regards to all who were impacted by Hurricane Sandy.

Ms. Spann announced that Teterboro Airport has a new tenant, Landmark Aviation. Landmark purchased First Aviation Services and began operations on December 20, 2012 out of the First Aviation facility. The new General Manager, Mario Diaz, has said that he is eager to be involved in community issues. He was unable to attend TANAAC tonight, but we hope to have him at the next meeting.

Ms. Spann reviewed some of the construction projects at the airport.

- Backflow preventers have been installed in four locations around the airport.
- EMAS for the end of Runway 24 is in the design phase and construction is expected to begin in the spring. We are still working on permitting, but don't expect any problems with that. This will be the third EMAS at the airport. The fourth runway end does not require an EMAS; however, we will be making some improvements to that safety area as well.
- The school soundproofing project on Becton Regional High School is in progress. Work should be completed in about a year.
- We are replacing the roof on this building (90 Moonachie Ave). The current roof has worn out to the point of frequent leaks. Work has started on the preliminary electrical work inside the building.
- The second phase of construction for the snow equipment storage building at 400 Industrial Avenue has commenced. This includes, electrical and water line work as well as roll-up doors.

Ms. Spann noted that the airport Super Bowl in 2014 Planning Committee met on January 10. The committee includes airport staff and tenants, representatives PAPD, Bergen County Police, The Super Bowl Host Committee, and the Meadowlands Chamber of Commerce. The group is working together to address the anticipated impacts of the Super Bowl on not only the airport, but also the local roadways and communities.

Ms. Spann reviewed some of the effects on the airport of Hurricane Sandy. She showed pictures of the airfield under water, the resulting wildlife congregation and some equipment that has suffered residual damage.

Ms. Spann turned the meeting over to Mr. Gabriel Andino to begin the regular agenda.

Being the first meeting of the new year, Mr. Andino reviewed the Overview, Mission Statement and By-Laws of TANAAC. He also noted that a Guide to Understanding Aircraft Sound and Its Measurement was included in the committee members' packets.

OLD BUSINESS

Mr. Gary Palm gave an update on the proposed alternate approach to Runway 19. He indicated that the review process is being fast-tracked by the FAA. That means that we could see a determination in 6 to 18 months. The approval process is complicated and lengthy.

Staff has reached out to TRACON regarding a visit in the spring. The tour will probably be scheduled in April or May, but we have no dates yet. We will contact TANAAC members prior to the next meeting with potential dates.

Mr. Andino reported on the findings from the portable noise monitor that had been placed in Hackensack. The monitor was in place for about 4 months and the readings were very similar to those of the permanent noise monitor, RMS 3 on top of the Hackensack Medical Center. The LDN(A) from the portable monitor was 56 dB(A) and the reading from RMS 3 was 56.5 dB(A). A complete summary report of the results was included in the members' packets.

COMMITTEE CHAIR REPORTS

There were no reports from the Committee chairs at this time.

NEW BUSINESS

Mr. Andino explained Noise Measurement Metrics. The commonly used metric for sound measurement is the decibel (dB). However, a measurement used for aircraft noise is a weighted sound level (dB(A)). This is used to obtain a single number for the level of noise containing a wide range of frequencies. It approximately measures the relative noisiness or annoyance level of many common sounds.

Another measurement used regarding aircraft noise is the day / night average sound level (LDN(A)). This is a statistical descriptor of the sound over a 24-hour period, taking into account that noise is more annoying during the nighttime hours. The average is determined for the 24-hour period after adding 10 db(A) to the sound levels occurring in period 10 p.m. to 7 a.m.

Mr. Andino also explained jet aircraft stage types, comparing Stage 2 with Stage 3. He showed how improvements in the engines have made Stage 3 much quieter than Stage 2.

Next, Gabe reviewed the Teterboro Airport Noise Rules. Maximum noise levels:

- Runway 24 – 80 dB(A) between 10 p.m. and 7 a.m.
90 dB(A) between 7 a.m. and 10 p.m.
- Runways 1, 6, 19 – 95 dB(A) all hours
- Helicopters departure routes – 95 dB(A) all hours

Violations are issued for exceeding any of these noise levels, and receiving three violations results in being banned from the airport.

Mr. Andino continued with the 2012 statistics.

Total operations for 2012 were 147,476, a decrease of 3.14% over the 2011 total. Nighttime operations for 2012 were 9,035, which is 6.13% of the year's total. Although the total operations have decreased, the total nighttime operations show a greater percentage of decrease, which is trending in the right direction. In addition, the hourly breakdown of 2012 nighttime operations shows that half of all the operations occur between 11 p.m. and 1 a.m.

Stage 2 aircraft operations account for only about 1% of the total jet operations number. That averages out to be approximately three Stage 2 movements a day.

Mr. Andino also reviewed the noise events and noise levels for the year. 2012 noise events above 90 dB(A) were slightly higher than 2011, however the LDN(A) levels were, for the most part, lower.

Noise complaints for the year were 2436, which includes 1590 complaints from Washington Township, New Jersey. There was also a significant increase in the number of complaints from Maywood and Rutherford, NJ, being 295 and 172 respectively.

With regard to noise violations, there were 135 first violations during 2012. There were 15 second and no third violations.

OPEN DISCUSSION

A lengthy discussion ensued regarding aircraft noise levels in Hackensack, primarily along the ILS approach to Runway 19. The residents who housed the portable noise monitor contested that the LDN(A) reading does not really portray the quality of life impacts that the aircraft noise causes people. Mr. Griffo noted that people are really affected by individual loud noise events not the average at the end of the day. He urged continued effort to get the proposed alternate approach to Runway 19 approved so that traffic can be shifted away from the Hackensack Medical Center. Mr. Marlin Townes added that his involvement with TANAAC has shown that the airport is sensitive to the community impacts and is willing to work with the towns to do what can be done, however, to make any changes is a slow process that involves higher levels of government involvement. Ms. Spann assured the residents that the airport is concerned about quality of life issues. She added that new technologies like quieter engines and NextGen is expected to help address some of these issues.

A question was raised about the expected aircraft traffic numbers for the Super Bowl in 2014. Ms. Spann replied that it is much too early to estimate, however, the airport is working on a reservation system for managing the aircraft activity.

Mr. Adam Veenstra introduced himself. He is representing Congressman Bill Pascrell at the TANAAC meetings.

With no other business to come before the committee, the meeting was adjourned.

The next regular meeting of TANAAC is April 24, 2013.

**TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE (TANAAC)
MEETING**

SUMMARY OF MINUTES

April 24, 2013

ATTENDANCE

Pam Phillips, Operations & Security Mgr
Rick Vander Wende, Contract Mgr
Gabriel Andino, Manager, Noise Abatement
Tim Middleton, Noise Abatement Office
Michael Fiscus, Noise Abatement Office
John Panarello, Manager of Airport Services
Gary Palm, Manager, ATCT
Peter Kortright, Representative
Daniel Castro
Marlin Townes, Representative
Karen Sasso, Representative
Pierre Gaillard, Alternate
Fritz Rethage, Representative
Corinne Wehrle, Representative
Paul Griffo, Representative
Hugo Poli, Commissioner
William McKeever, Councilman
Ken Goffstein, Representative
John P. Watt, Mayor
Jim O'Dwyer, Councilman
Steve Riethof
Brian Loitsch
Steve Chandoha
Al Rabasca
Richard McGee, Guest
Joe Solda, Guest
Roy Luyster, Guest
Carol Skiba, Guest

Port Authority of NY & NJ
Port Authority of NY & NJ
Teterboro Airport/AvPORTS
Teterboro Airport/AvPORTS
Teterboro Airport/AvPORTS
Teterboro Airport/AvPORTS
FAA
Bergen County
Congressman Pascrell's Office
City of Hackensack
City of Hackensack
City of Hackensack
Borough of Hasbrouck Heights
Borough of Little Ferry
Borough of Rutherford
Village of Ridgefield Park
Town of Secaucus
Township of Teaneck
Borough of Teterboro
Borough of Teterboro
AOPA/ASN & AHOF
Jet Aviation
Meridian, Teterboro
Signature Flight Support
Air Methods, Hackensack Univ Med Ctr
Hackensack University Medical Center
Township of Rochelle Park
Borough of Hasbrouck Heights

**TANAAC
Teterboro Airport
April 24, 2103
90 Moonachie Avenue, PA Conference Room
Minutes Summary**

Ms. Pam Phillips called the meeting to order in the absence of Ms. Renee Spann. Pam had introductions around the table, as several new faces were present.

Ms. Phillips announced that the airport recently had its annual FAA Part 139 Certification Inspection. This was the first time in recent years that that the inspection was held in the winter months and it required a different level of preparation. The inspection went well.

The airport is continuing its planning effort for the Super Bowl in 2014. Significant progress was made in arriving at a mutually agreeable approach to handling the aircraft traffic surrounding the event. Our goal is to closely manage the activity, which we feel will be similar to the levels we have handled in the past during the holidays when the airport was at its busiest. We will keep you informed as plans and projections evolve.

With many thanks to our sponsors and generous donors, we are pleased to announce that this year's Teterboro Airport Community Benefit Fund is able to award nine \$2,000 scholarships to local schools.

Ms. Phillips reviewed some of the construction projects at the airport.

- The school soundproofing project on Becton Regional High School is in progress. This is about a two-year project.
- Tenant work at Jet Aviation continues and Atlantic Aviation is replacing its fuel farm on Malcolm Avenue.
- We are waiting for the permits for the EMAS for the end of Runway 24. The work will begin with the construction staging area then the site preparation. The EMAS blocks are already fabricated so the installation should progress quickly. This will be the third EMAS at the airport. The fourth runway end does not require an EMAS; however, the contract is out to bid for improvements to that safety area as well.
- A contract is also out to bid for a perimeter patrol road, which will allow much of the operational traffic at the airport to circumnavigate the airport without crossing runways and will alleviate their use of public roads.
- The effects on the airport of Hurricane Sandy continue to be addressed. A substantial amount of work has been done and more repairs continue to be done on airfield lighting, wiring, and cabling. In addition, the replacement of the airfield signs including their concrete bases will begin shortly. The new signs will use LED lights which will be more energy efficient.

Ms. Phillips noted that two surveys, one by the Port Authority and one by the FAA, determined that a number of trees around the airport pose significant safety hazards to aircraft operations. Work has started to cut trees east and west of Runway 6-24. The findings also indicated a hazard at the south end of Runway 1-19. These trees are not on airport property. We are working with private property owners to be able to take action as quickly as possible.

Ms. Phillips turned the meeting over to Mr. Gabriel Andino to begin the regular agenda.

OLD BUSINESS

The proposed alternate approach to Runway 19 – Ms. Phillips announced that unfortunately, Mr. Warren Strickland was not able to attend or provide an update for this meeting. We should have information at the next TANAAC meeting.

The tour of TRACON is scheduled for May 10, 2013. Mr. Andino circulated a sign-up sheet for those members who are interested in going. Details will follow.

COMMITTEE CHAIR REPORTS

There were no reports from the Committee chairs at this time.

NEW BUSINESS

Mr. Andino noted that staff attended the National Business Aviation Association (NBAA) Schedulers and Dispatchers Conference in San Antonio in January. This conference allowed staff to educate those persons who schedule flights to TEB regarding noise rules, voluntary nighttime curfew and NextGen initiatives.

Gabe reported the statistics for the first quarter of 2013.

Total operations for the first quarter 2013 were 34,627, a decrease of 1.52% over the same period last year. Nighttime operations for the quarter were 2,178, which is 6.29% of the total operations for the first quarter. Stage 2 aircraft operations account for less than 1% of the total jet operations number.

Mr. Andino also reviewed the noise events and noise levels for the first quarter of 2013. The noise events were slightly higher than first Q 2012; however, the LDN(A) levels were lower on four of the monitors.

Noise complaints for the quarter were 126. There were a number of complaints from Maywood and Rutherford, 40 and 23 respectively. In addition, the airport received 30 complaints from Newark, which were attributed to TEB traffic.

With regard to noise violations, there were 10 first violations during the first quarter 2013, 1 second and 1 aircraft was banned.

OPEN DISCUSSION

Mr. William McKeever requested a portable noise monitor for Secaucus because of helicopter noise. The committee had no objections, so the arrangements will be made to put a portable noise monitor in Secaucus as requested.

Mr. Griffo expressed his concerns about the noise levels at the Hackensack University Medical Center. This will be further discussed at the next TANAAC meeting when we have more information about the proposed alternate approach that avoids the hospital.

Mr. Gaillard asked about the new ATCT at TEB. Mr. Palm replied that the progress is stalled right now due to wetlands mitigation issues.

With no other business to come before the committee, the meeting was adjourned. The next regular meeting of TANAAC is July 24, 2013. This will be the BBQ meeting, so the business portion will begin at **6:00 p.m.**

**TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE (TANAAC)
MEETING**

SUMMARY OF MINUTES

July 24, 2013

ATTENDANCE

Renee Spann, Manager, Teterboro Airport
Pam Phillips, Operations & Security Mgr
Rick Vander Wende, Contract Mgr
Gabriel Andino, Manager, Noise Abatement
Tim Middleton, Noise Abatement Office
Michael Fiscus, Noise Abatement Office
John Panarello, Manager of Airport Services
Warren Strickland
Peter Kortright, Representative
Shannon McGee
Marlin Townes, Representative
Pierre Gaillard, Alternate
Fritz Rethage, Representative
Corinne Wehrle, Representative
George Fosdick, Mayor
Hugo Poli, Commissioner
Gary Brugger, Mayor
Vincent Stefano, Representative
Christian Semenez
Steve Riethof
Jeff Gilley
Jackie Vibbert
Al Rabasca
Roy Luyster, Guest
Carol Skiba, Guest

Port Authority of NY & NJ
Port Authority of NY & NJ
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Teterboro Airport/AvPORTS
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Teterboro Airport/AvPORTS
FAA
Bergen County
Congressman Pascrell's Office
City of Hackensack
City of Hackensack
Borough of Hasbrouck Heights
Borough of Little Ferry
Village of Ridgefield Park
Village of Ridgefield Park
Township of South Hackensack
Township of South Hackensack
Borough of Hasbrouck Heights
AOPA/ASN & AHOF
NBAA
Signature Flight Support
Signature Flight Support
Township of Rochelle Park
Borough of Hasbrouck Heights

**TANAAC
Teterboro Airport
July 24, 2103
90 Moonachie Avenue, PA Conference Room
Minutes Summary**

Ms. Renee Spann called the meeting to order and welcomed attendees.

Ms. Spann announced that Ms. Susan Baer, the Aviation Director for the Port Authority retired earlier this month. While a nationwide search for her replacement is being performed, Mr. Tom Bosco, GM of LGA will be the interim Director, and Mr. Huntley Lawrence, GM of NJ Airports will be the Interim Deputy Director.

Ms. Spann also noted that she had the privilege of participating in several of the local high school senior award ceremonies and that she was greatly impressed by the caliber of the students in this area. She is pleased that the airport can help them in their future endeavors by our annual scholarship presentations.

Ms. Spann reviewed some of the construction projects at the airport.

- Work has begun for the EMAS for the end of Runway 24, beginning with the construction staging area. Then the site preparation will take place and the EMAS blocks will be installed. The blocks are ready to go, so the installation should progress quickly. The staging area will not only be used for this project, but will be a permanent area for future airfield projects as well. The area will allow construction vehicles to be parked airside and minimize their utilization of public roads.
- We are awaiting permits for the contract for Runway Safety Area improvements on the north end of Runway 1, which includes a perimeter patrol road that will allow much of the operational traffic at the airport to circumnavigate the airport without crossing runways and will alleviate their use of public roads as well.
- The effects of Hurricane Sandy on the airport continue to be addressed. A substantial amount of work on airfield lighting, wiring, and cabling has been done, and we are drawing near completion of that work. Replacement of the airfield signs including their concrete bases will commence shortly. The new signs will use LED lights, which will be more energy efficient. In addition, a flood prevention wall will be built around the lighting vault.
- The school soundproofing project on Becton Regional High School continues. It will take about one more year to complete the project.

Ms. Spann noted that extensive work has been done around the airport to eliminate airspace obstructions, which resulted in a number of trees on the airport being trimmed down. Trees that are not on airport property have also been identified as posing a hazard. We are working with property owners to take care of those trees as well.

The planning continues for the upcoming Super Bowl. The airport community has made much progress in identifying anticipated impacts on airport activity and developing strategies to address these issues. We are waiting for information regarding the local roadways, which will also affect our operations.

A question was raised about the anticipated Super Bowl traffic at the airport. We have limited aircraft parking at the airport, about 600 aircraft total, however we anticipate “drop and go” traffic as well. Because of the multitude of attractions in the area (being so close to New York City), we expect that arrivals will be spaced out as people may arrive earlier to participate in events and area attractions. Therefore, arrivals will likely be similar to busy holiday seasons that we have seen in the past. We expect the greatest impacts to be

after the game. Historically, about 60% of the aircraft owners plan to leave immediately after the game. The airport has retained the services of a Ramp Boss to assist in the Super Bowl related activity. The 100,000-pound aircraft rule will be in effect.

Ms. Spann turned the meeting over to Mr. Gabriel Andino to begin the regular agenda.

OLD BUSINESS

The proposed alternate approach to Runway 19 –Mr. Warren Strickland provided an update on the proposed procedure. Unfortunately, sequestration issues have impacted many projects that are being reviewed. Management and controllers make up the working groups that perform these reviews, and it has been difficult to pull any controllers away from their Air Traffic Control duties to participate. However, we are still working on this proposal. In September, we should know more about the budget and how staffing would be handled.

The tour of TRACON that was scheduled in May had to be postponed due to a change in staffing at TRACON. Sequestration and the busy summer workload for TRACON staff have delayed choosing a new date. We are still working on this and will contact TANAAC members when we have some possible dates, which will probably be sometime in the fall. In the meantime, if anyone who had not signed up previously is interested in going, please let the Noise Office know.

The request for the portable noise monitor to be installed in Secaucus has been withdrawn. There was mention that one might be requested for Rutherford. We will follow up on that.

COMMITTEE CHAIR REPORTS

There were no reports from the Committee chairs at this time.

NEW BUSINESS

Mr. Andino announced the recipients of the Annual Good Neighbor Awards for 2012. These recipients were invited to attend the meeting tonight; however, no one was able to come. There were seven awards given. To earn the award, operators must have complied with all the mandatory and voluntary noise rules. Additional criteria include having more than 100 operations in a year, no noise violations, no Stage 2 operations, no operations between 11 p.m. and 6 a.m. An additional award is given to the operator with the lowest average sound level as measured by the Teterboro Airport Noise Monitoring System.

The recipients are as follows:

Ameriprise Financial, Inc.
Barnes & Noble, Inc.
Clear Channel Worldwide
Eagle Air, Inc.
Meredith Corp.
R&F Wings, Inc.
White Mountain Capital, Inc.

Gabe reported the statistics for the first and second quarters of 2013.

Total operations for the first half of 2013 were 75,569, an increase of 1.45% over the same period last year. Nighttime operations for the half were 4,693, which is 6.21% of the total operations. Stage 2 aircraft operations account for only .77% of the total jet operations number.

Mr. Andino also reviewed the noise events and noise levels for the first half of 2013. The noise events were fewer or the same than the first half of 2012 on all but the monitor at Hackensack Hospital, where it increased by two. The LDN(A) levels were lower on three of the monitors and slightly higher on three.

Noise complaints for the first and second quarters were 737, which includes 436 from Maywood. In addition, the airport received 81 complaints from Newark, which were attributed to TEB traffic.

With regard to noise violations, there were 41 first violations during the first half of 2013, 4 second and one aircraft was banned.

OPEN DISCUSSION

A question was raised about the complaints for "low and loud" and their correlation to visual approach procedures. Noise office staff indicated that while some "low and loud" complaints stem from aircraft using a visual approach to land, they are not the primary source of these complaints.

A question was raised about the complaints from Washington Township, NJ. The gentleman who used to register so many complaints from that town has stopped.

A question was raised about the proposed new approach to Runway 19 possibly causing noise complaints from new areas. The proposed visual approach is designed to follow highways and compatible areas as much as possible.

With no other business to come before the committee, the meeting was adjourned to the BBQ.

The next regular meeting of TANAAC is **October 23, 2013**.

**TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE (TANAAC)
MEETING**

SUMMARY OF MINUTES

October 23, 2013

ATTENDANCE

Renee Spann, Manager, Teterboro Airport
Rick Vander Wende, Contract Mgr
Huntley Lawrence, Interim Deputy Director
Gabriel Andino, Manager, Noise Abatement
John Panarello, Manager of Airport Services
Gary Palm, TEB ATCT Manager
Peter Kortright, Representative
Shannon McGee
Pierre Gaillard, Alternate
Fritz Rethage, Representative
Corinne Wehrle, Representative
Hugo Poli, Commissioner
Paul Griffio, Representative
Gary Brugger, Mayor
Vincent Stefano, Representative
John P. Watt, Mayor
Jim O'Dwyer, Councilman
Roy Luyster, Guest
Kenneth Kroll, Guest
Jerome Bongiorno, Guest
Marylou Bongiorno, Guest

Port Authority of NY & NJ
Port Authority of NY & NJ
Port Authority of NY & NJ
Teterboro Airport/AvPORTS
Teterboro Airport/AvPORTS
FAA
Bergen County
Congressman Pascrell's Office
City of Hackensack
Borough of Hasbrouck Heights
Borough of Little Ferry
Village of Ridgefield Park
Borough of Rutherford
Township of South Hackensack
Township of South Hackensack
Borough of Teterboro
Borough of Teterboro
Township of Rochelle Park
Forest Hills, Newark
Forest Hills, Newark
Forest Hills, Newark

TANAAC
Teterboro Airport
October 23, 2103
90 Moonachie Avenue, PA Conference Room
Minutes Summary

Ms. Renee Spann called the meeting to order and welcomed attendees.

Ms. Spann reviewed some of the construction projects at the airport.

- The installation of the EMAS for the end of Runway 24 is currently taking place and should be completed by the end of the week. The large piles of dirt that are visible on the airport along Industrial Avenue are from the excavation for the EMAS. The soil is being tested and we anticipate that it will be disposed within few weeks.
- We have the permits for the perimeter patrol road project, which includes the Runway Safety Area improvements on the north end of Runway 1. Work should begin shortly on a section of the patrol road; however, the majority of work will have to wait until after the winter weather season.
- Obstruction mitigation around the airport is ongoing. All the on-airport trees identified as obstructions have been cut or trimmed. We are currently gathering information and formulating a plan to address the off-airport areas that were also identified by the FAA as safety concerns.
- The effects of Hurricane Sandy on the airport continue to be addressed. Replacement of the airfield signs including their concrete bases has begun with the mandatory airfield guidance signs. In order to install the signs in the runway intersection, an airport closure is scheduled for this Saturday. A second one is tentatively scheduled for the following Saturday, however, that one may need to be postponed pending the receipt of some necessary materials. In addition, a flood prevention wall referred to as an Aqua Fence has been built around the lighting vault.
- The school soundproofing project on Becton Regional High School continues to progress on schedule.

The planning continues for the upcoming Super Bowl. A Concept of Operations for pilots and operators has been distributed to the FBOs and posted on the Port Authority website. The information covers how the airport plans to operate during the Super Bowl. Ms. Spann passed around a copy for the group to see. She pointed out the section that covers noise abatement. Operators have been encouraged to comply with the voluntary nighttime curfew with the exception of the night of the game. From all the reports we have received from airports involved with previous Super Bowls, the critical activity occurs immediately following the game. We have done extensive planning to accommodate this departure push. Our goal is to get aircraft out of here as quickly and efficiently as possible so that we can resume normal operations. We have hired a company called Air Boss and Consultants to help manage the traffic and reservations are required for all operations between 6 a.m. on Wednesday before the game until 6 a.m. Tuesday following the game.

Mr. Griffo noted that he heard that TEB would be closed for Super Bowl. No, the airport will not be closed. However, during the game, a TFR (Temporary Flight Rule) will be in place, which will close the airspace around the airport, essentially meaning there will be no flight activity at the airport during that time. Mr. Griffo also recommended that a letter be sent to all the Mayors of the TANAAC towns advising them of what to expect from the airport for the Super Bowl. The committee concurred. Airport Management will work on this.

A question was raised about the anticipated Super Bowl traffic at the airport. We have limited space to park aircraft, about 600 aircraft, however, we anticipate "drop and go" traffic as well. We expect that the arrival

traffic will be similar to busy holiday traffic like what we've experienced in the past. The departure push after the game will be the most critical operation.

Ms. Spann turned the meeting over to Mr. Gabriel Andino to begin the regular agenda.

OLD BUSINESS

The proposed alternate approach to Runway 19 – Unfortunately, the furloughs have impacted many projects that are being reviewed. Management and controllers make up the working groups that perform these reviews, and it has been difficult to assemble the necessary staff that needs to participate. This proposal is still on the table.

The tour of TRACON has also been affected by the furlough. At this point, it looks like the trip needs to be postponed again. We are looking at late spring early summer of 2014.

COMMITTEE CHAIR REPORTS

There were no reports from the Committee chairs at this time.

NEW BUSINESS

Mr. Andino reviewed the new Airport Noise Monitoring System (ANOMS) that the Port Authority has acquired for all its airports. This system provides flight tracking, aircraft noise measurement and complaint management. It will allow the airport to research and address noise complaints within hours of the event. There was a 4-day turn-around time for data with the old system. The new system will also include an online public component that is currently being developed for deployment in the near future. We will have more information at the January TANAAC meeting.

Gabe reported the statistics for the first three quarters of 2013.

Total operations for the first three quarters of 2013 were 113,313, an increase of 4.21% over the same period last year. Nighttime operations for the period were 6,864, which is 6.06% of the total operations.

Stage 2 aircraft operations account for only 0.72% of the total jet operations number. We continue to see a decline in Stage 2 operations and expect that they will disappear from TEB even before the FAA ban, which is slated for after December 31, 2015.

Mr. Andino also reviewed the noise events and noise levels for the first three quarters of 2013. The noise events were fewer or the same as 2012 on all monitors except on RMS 6 - Moonachie. The LDN(A) (day/night averages) show a decrease on four of the monitors and an increase on two.

Noise complaints for the first three quarters were 1014, which includes 570 from Maywood. In addition, the airport received 123 complaints from Newark, which were attributed to TEB traffic.

With regard to noise violations, there were 63 first violations during the first three quarters of 2013; 6 second and no aircraft were banned.

OPEN DISCUSSION

A question was raised about whether the complaints from Maywood were from arrivals or departures. All complaints involved arrivals to Runway 19.

A question was raised about the number of violations even though Stage 2 aircraft operations are decreasing. About 95% of the violations occur after 10 p.m. when the allowable noise level is lower. We do see that the program is effective because the pilots, who receive a first violation, make an effort to make the necessary adjustments to prevent receiving a second one.

Mr. Griffo remarked that he has received three noise complaints that were directed to him from the Mayor of Rutherford. He advised each complainant to contact the airport noise office. He turned his information over to Mr. Andino who will follow up with these residents.

A question was raised about helicopter activity at the Hackensack University Medical Center. The hospital now has its own helicopter operation. Its activity is not included in the airport noise events. The helicopter is based at Greenwood Lake Airport.

Mr. Gary Palm reported that the new Air Traffic Control Tower for Teterboro Airport has been delayed a little due to furloughs. However, the FAA has made a new proposal to help mitigate some of the wetlands issues encountered with this project and they are currently waiting to hear about permits. The FAA expects the project to be completed in 2017 or 2018.

With no other comments from the committee, Ms. Spann opened the floor to guests Kenneth Kroll and Jerome and Marylou Bongiorno from Forest Hills / Newark.

Mr. Kroll from the Forest Hills Association reported that their neighborhood has been plagued with aircraft noise since November 19, 2012. Prior to that date, neither he, or Mr. and Mrs. Bongiorno were subjected to the level of disturbance that they are currently experiencing. Senator Menendez arranged for their visit to TANAAC. They have been actively pursuing relief by working with the FAA, Port Authority, political leaders, and other noise coalitions. They are not only seeking relief, they are trying to find out why they are going through this unprecedented change in the noise levels. Mr. Kroll reported that the Legislatures of NY and NJ have proposed legislation that would require an airport study on noise and land use compatibility (Part 150 Study), and biennial public hearings on aircraft noise issues. The group also expressed interest in having a representative participate in future TANAAC meetings.

A lengthy discussion ensued regarding the possible causes for their situation and options for a solution. Some specifics included:

- Mr. Kroll indicated that he has noticed aircraft on approach to TEB fly in a more precise path than in the past. Mr. Gary Palm responded that today's aircraft can fly a very specific and precise route. Mr. Vincent Stefano, TANAAC representative from South Hackensack and a licensed pilot added that the dispersion of aircraft may be attributed to radar vectors (i.e. Air Traffic Control instructions).
- The FAA can generate maps that show the aircraft flight paths that might help identify the problem.
- Mrs. Bongiorno claimed the FAA indicated that there has been a 20° shift in traffic approaching Runway 6.
- The date that was noted as the beginning of this issue is historically a very busy traffic period for TEB.
- The Forest Hills area sees TEB arrivals, as well as departures to the north from Newark International (EWR). Mr. Palm explained that EWR and TEB operations are very closely interlinked, but there are plans to decouple EWR and TEB traffic in the future utilizing new technology (RNP, RNAV).

- Mr. Kroll asked why some aircraft produced significantly less noise than others did. Mr. Andino replied that newer Stage 4 aircraft are noticeably quieter. He also suggested that pilot technique in following the ILS to the airport may also be a factor in the amount of engine noise produced by aircraft.
- Aircraft noise in the Forest Hills neighborhood is dependent on runway usage. Construction and weather – particularly winds- at the airport are the main factors in determining runway usage and thus what direction aircraft approach and depart the airport.
- The more information that the guests can provide will help the noise office research a specific event.

Ms. Corinne Wehrle asked about the membership of TANAAC. Ms. Spann responded that the by-laws of the committee define the TANAAC towns. It would take a consensus of the current members to amend the by-laws.

Ms. Wehrle asked that any complaints received in the communities be forwarded to her as the Complaint Committee Chair.

With no other business to come before the committee, the meeting was adjourned.

The next regular meeting of TANAAC is **January 22, 2014**.

Date Updated: February 20, 2015

Airport	Site ID	Site Name	Location
PERMANENT SITES (Mounted on Utility Poles)			
JFK	4	J13RP	Inwood Country Club at Peppe Drive & Bayswater, Long Island, NY 11096 (88 Peppe Rd Inwood, New York)
JFK	5	J13LP	155-21 Broad St, Queens, NY 11422
JFK	6	J04BP	223-20 147th Street, Springfield Gardens, NY 11413
JFK	7	J31RP	129th St & S Conduit Ave, South Ozone Park, Queens, NY 11420(129-15 150th Ave, South Ozone Park, NY 11420)
JFK	8	J31LP	Corner of 80th St & Russel Street, Queens, NY 11414(9055 Russell St Howard Beach, NY 11414)
JFK	9	J22RP	Almeda Ave & Barbadoes Dr, Arverne, Queens, NY 11692 (74-98 Almeda Ave Arverne, NY 11692)
LGA	58	L13_P	70 39th Ave, Flushing, Queens, NY 11354 (133-31 39th Ave Flushing, NY 11354)
LGA	11	L22_P	25-38 78th St, Jackson Heights, NY 11370
EWR	1	E22BP	257-263 3rd Ave, Elizabeth, NJ 07206
EWR	2	E04BP	204 Magazine Street, Newark, NJ 07105
EWR	3	E29_P	Corner of Chancellor Ave & Elizabeth Ave, Hillside, Newark, NJ (Chancellor Park Newark, NJ 07112)
PERMANENT SITES (Mounted on Utility Poles)			
Airport	Site ID	Site Name	Location
PORTABLE SITES (Installed on the Ground)			
JFK	28	CEDAH	Hanlon Dr & Peninsula blvd, Cedarhurst, NY 11516 (582 Hanlon Dr Cedarhurst, NY 11516)
JFK	54	ATL65	The Plaza, Atlantic Beach, NY 11509
JFK	55	FLPRK	Floral Parkway, Floral Park, NY 11001
JFK	56	ARV64	Beach 64th Street, Arverne, NY 11692
JFK	57	ROSED	231st Street, Brookville, NY 11413
JFK	64	JFRSQ	Renken Blvd., Franklin Square, NY 11010
JFK	65	JRHYALE	Yale Street, Roslyn Heights, NY 11577
JFK	66	JMLVRN	Hempstead Ave, Malverne, NY 11656
JFK	67	JBYSWTR	Bay Court, Bayswater NY 11691
JFK	68	JBRDCHNL	Church Road, Broad Channel, NY 11693
JFK	69	JOLDBRK	The Greenvale School, Valentines Lane, Old Brookville, NY 11545
LGA	52	KEWHI	72nd Ave, Flushing, Queens, NY 11367
LGA	59	SCNLN	Hutchinson River Parkway, Bronx, NY 10465
LGA	61	L205BYS	205th Street, Bayside, NY 11360
LGA	62	LFRNKLN	Franklin Avenue, Flushing, NY 11355
LGA	63	LDKLB	Dekalb Ave, Brooklyn, NY 11216
LGA	70	LMDLVLG	78 th Street, Middle Village NY 11379
LGA	71	LCLGPT	23rd Avenue, College Point, NY 11356

EWR	60	EFTNY	Tiffany Blvd., Newark, NJ
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Airport	Permanent	Portable	Total
JFK	6	11	17
LGA	2	7	9
EWR	3	1	4
Total	11	19	30