

AVIATION NOISE POLLUTION
& CHILDREN'S LEARNING:
A REDUCTION OF THE F.A.A.
NOISE METRIC DOWN TO
'55DNL' COULD QUALIFY
DISTRICT 26 FOR
SOUNDPROOFING

Presented by Queens Quiet Skies

- ▶ “I studied the effects of elevated train noise on children's reading scores. I found that by the sixth grade children attending classes on the noisy side of the building were about a year behind in reading when compared to children who had classes on the quiet side of the building.”

- ARLINE BRONZAFT, DISCUSSING HER 1975 STUDY ON THE EFFECTS OF NOISE POLLUTION ON CHILDREN'S READING SCORES.



HER STUDY WAS BASED ON AN
AVERAGE OF 80 TRAINS PER SCHOOL
DAY.

LAGUARDIA HAS 75 OPERATIONS, OR
ROUGHLY 37 DEPARTURES, *PER HOUR.*
BASED ON THAT HOURLY CAP,
SCHOOLS LIKE P.S. 130 AND P.S. 162 ARE
IMPACTED BY OVER 200 OVERFLIGHTS
DURING SCHOOL HOURS.



IN 2012, THE FAA PERMANENTLY IMPLEMENTED THE “TNNIS” CLIMB OVER NORTHEAST QUEENS.

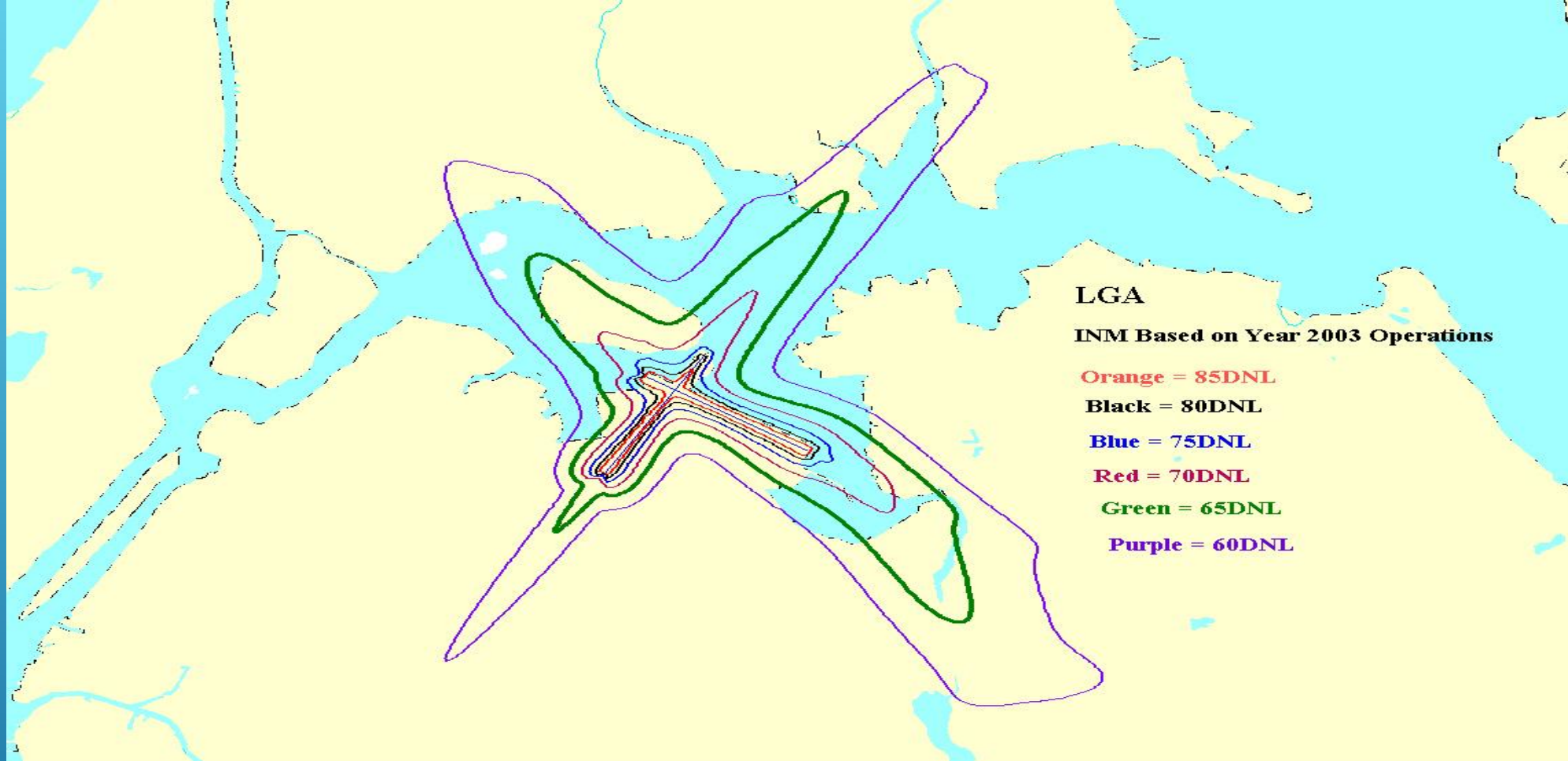
In October, 2013, Governor Andrew Cuomo ordered the Port Authority to conduct a Part 150 Noise Study for both New York airports.

Under current rules, the noise study could lead to insulation programs for schools within the 65 DNL noise contour.



26 MEMBERS OF
CONGRESS HAVE SENT A
JOINT LETTER TO THE
FAA ASKING THAT THE 65
DNL NOISE STANDARD
BE LOWERED TO 55 DNL.

DNL = DAY/NIGHT LEVEL (OR
THE AVERAGE NOISE LEVEL
OVER A 24-HOUR PERIOD)



Noise contours were created in 2003 using the Integrated Noise Model (INM). The contours represent several routes that are rarely used under LaGuardia's current SOP. New contours would reflect the current configurations with the TNNIS, Whitestone and RNAV 31 routes.

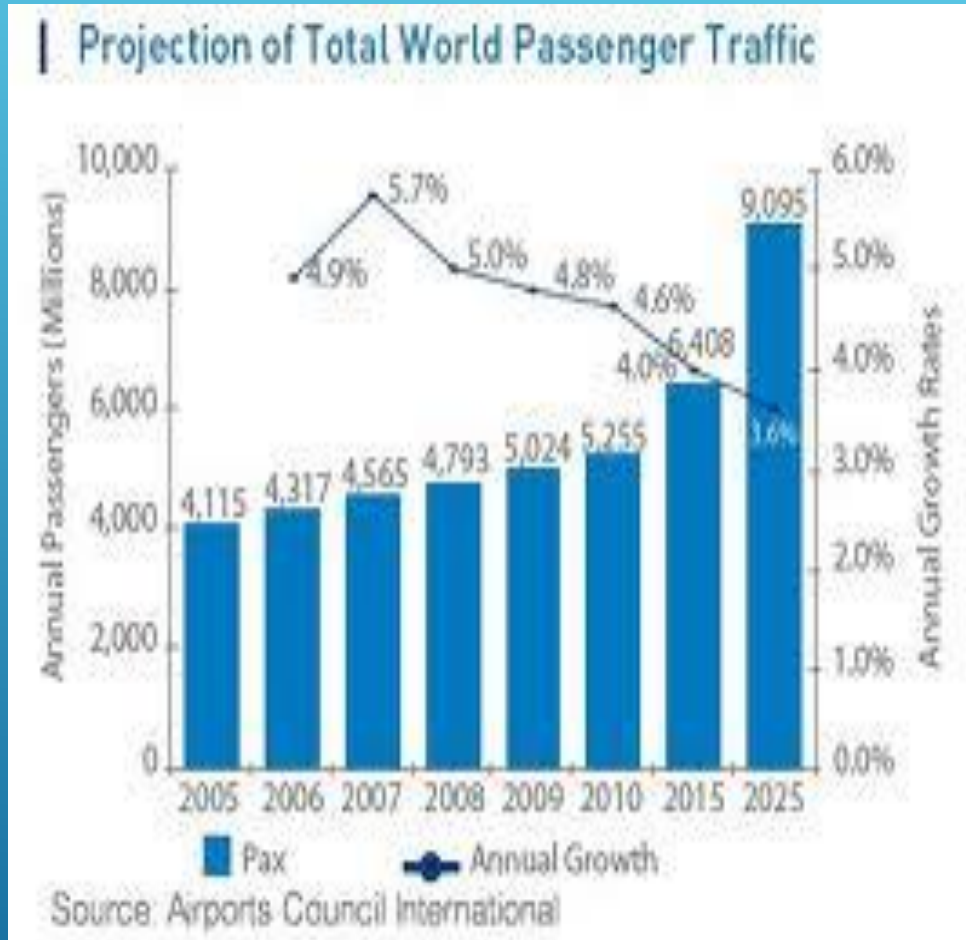


DISTRICT 26 SCHOOLS POTENTIALLY
WITHIN A 55DNL CONTOUR



The TNNIS climb has started to shift the 65 DNL contour from Flushing Meadows to over downtown Flushing.


STEPS YOU CAN TAKE:



1. Attend roundtable meetings. Governor Cuomo ordered the formation of a community aviation roundtable with the Port, the FAA and community members. Meetings are open to the public and will address the progress of the noise study. Demand updates on the study from the Port Authority.
2. Contact federal officials about 55 DNL. Congress members Meng and Israel have written a great letter to the FAA. Ask them for legislative action.

Voluntary Soundproofing

If the Part 150 study shows that district 26 schools do not fall within the 65 or 55 DNL contours, it is possible that the Port Authority might voluntarily soundproof schools. The P.A. has soundproofed several schools outside of 65 DNL including John Bowne High School.





FOR FURTHER INQUIRIES
REGARDING THE EFFECTS
OF NOISE POLLUTION
CHILDREN'S LEARNING:

Contact Dr.
Arline Bronzaft:
albtor@aol.com