

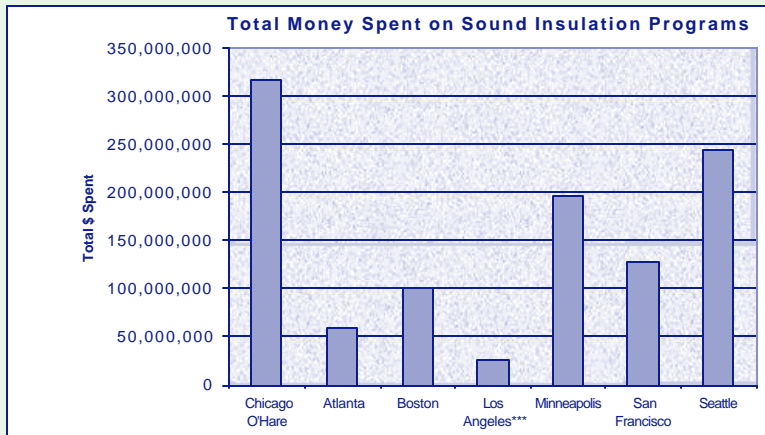
O'Hare Monitor



Volume 3 Issue 1

First Quarter 2001

O'Hare Sound Insulation Programs Lead Nation



The O'Hare Noise Compatibility Commission recently documented the national leadership status of the residential and

school sound insulation programs that it oversees. At the request of the Commission, the Chicago Department of Aviation

surveyed more than 50 U.S. airports on their sound insulation programs. The preliminary *(Continued on page 3)*

AFTPro On Track

What if an airplane could fly a course with nearly the same precision as a train follows the rails and do that in all kinds of weather? One answer is that fewer populated areas around airports would be impacted by jet noise.

The Advanced Flight Track Procedures (AFTPro) initiative at

O'Hare will utilize existing Area Navigation (RNAV) technology enabling aircraft to adhere to a track over the ground with greater precision. The procedures developed follow the preferential nighttime flight tracks of the City of Chicago's Fly Quiet Program that were designed to navigate aircraft towards areas of

more compatible land use, such as forest preserves, highway corridors and industrial areas. The use of this technology will automatically compensate for wind drift and air speed while ensuring airspace safety, efficiency *(Continued on page 2)*

Commission Members

- Arlington Heights
- Chicago
- Elmwood Park
- Franklin Park
- Hoffman Estates
- Melrose Park
- Mount Prospect
- Niles
- Norridge
- Northlake
- Oak Park
- Palatine
- River Grove
- River Forest
- Rolling Meadows
- Rosemont
- Schaumburg
- Unincorporated Cook County

School Districts

- 59 Elk Grove Village, Des Plaines, Arlington Heights, Mount Prospect
- 80 Norridge
- 81 Schiller Park
- 84 Franklin Park
- 86 Harwood Heights
- 87 Berkeley, Northlake, Bellwood
- 214 Elk Grove Village, Des Plaines, Arlington Heights, Mount Prospect, Rolling Meadows, Prospect Heights, Wheeling, Buffalo Grove
- 234 Norridge, Harwood Heights
- 299 Chicago Public Schools

Brian Gilligan, Executive Director

773-686-3198

www.oharenoise.org

Noise Hotline 1-800-435-9569

2001 Commission Meetings

Apr. 6 Sep. 7
 May 4 Oct. 5
 Jun. 1 Nov. 2
 No July Meeting Dec. 7
 Aug. 3

All meetings are open to the public. Unless otherwise noted, the meetings begin at 8:00 a.m. at the Donald E. Stephens Convention Center, 5555 North River Road, Rosemont, Illinois

Technical Committee

Mar. 27 Aug. 28
 Apr. 24 Sep. 25
 May 22 Oct. 23
 Jun. 26 Nov. 27
 Jul. 24 Dec. 18

9:00 a.m. at Arlington Heights Village Hall, 33 S. Arlington Hts. Rd.

Residential Sound Insulation Committee

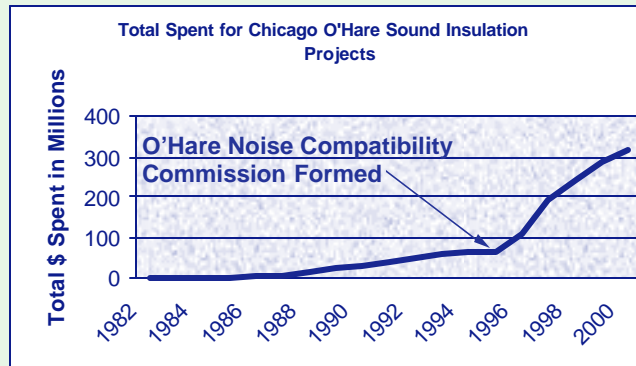
Mar. 21 Aug. 15
 Apr. 18 Sep. 19
 May 16 Oct. 17
 Jun. 20 Nov. 21
 Jul. 25 Dec. 19

12:00 p.m. at Norridge Village Hall, 4000 N. Olcott Ave.

School Sound Insulation Committee

Mar. 14 10:00 a.m. at S.D. 214, 2121 S. Goebbert Rd., Arlington Hts.
 May 15
 Aug. 8 10:00 a.m. at S.D. 59, 2123 S. Arlington Hts. Rd., Arlington Hts.
 Oct. 10
 Dec. 12

The Commission's Impact



Less than \$100 million were spent on sound insulation during the 13 years prior to the formation of the O'Hare Noise Compatibility Commission in 1996. In less than five years, the Commission brought the total to well over \$300 million, the most in the country.

AFTPro

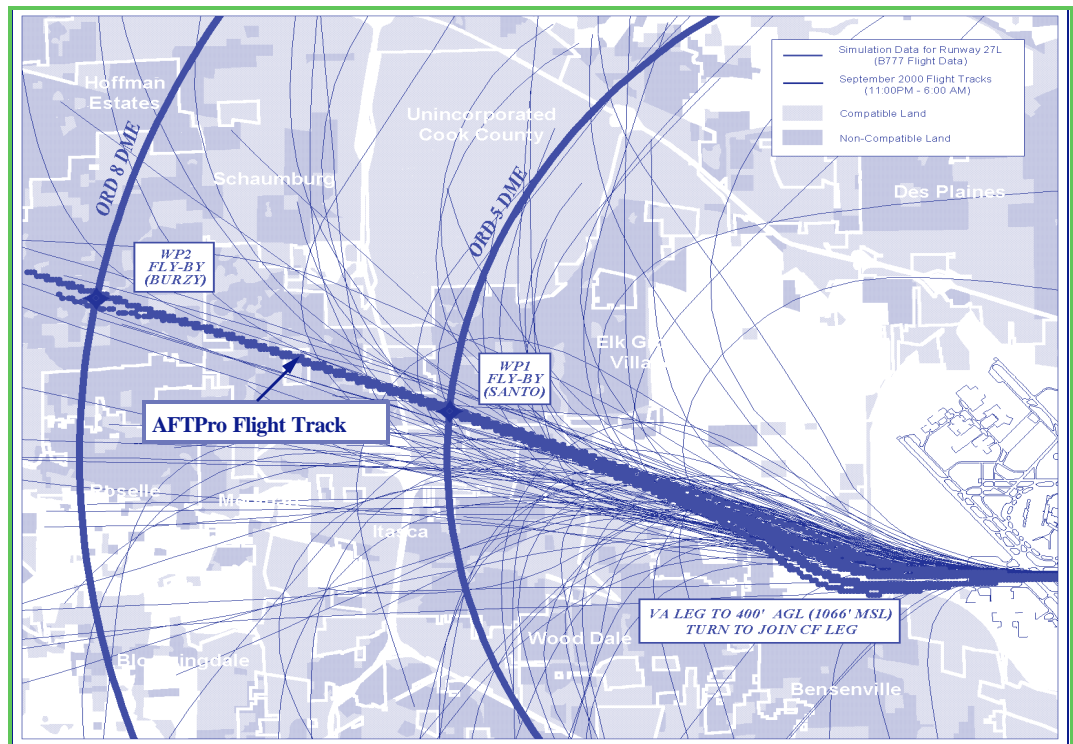
(Continued from page 1)

and, when possible, minimizing the noise impacts to surrounding residences.

In late 2000, United Airlines graciously provided flight simu-

lator and crew time to test the procedures at its flight training center in Denver Colorado. In January 2001, the draft procedures and applicable request forms were transferred to the FAA Great Lakes Region, Air

Traffic and Flight Standards divisions of the FAA. The Commission expects AFTPro implementation to begin shortly after FAA approval.



The goal of AFTPro is to have all nighttime departure flights adhere to a single track (shown here as a thick dark line) over less populated areas instead of multiple tracks as occur now. There will be AFTPro tracks for each runway.

O'Hare Sound Insulation Programs Lead Nation

(Continued from page 1)

results were presented at the Commission's regular monthly meeting in February.

The study shows that the City of Chicago has spent over \$317 million to sound insulate homes and schools near O'Hare, significantly more than any of the other cities studied. Seattle was next with over \$243 million, while Atlanta has spent \$60 million.

Arlington Heights Mayor and Commission Chair Arlene J. Mulder stated that she was pleased to have the opportunity to set the record straight.

"I'm proud of the work of this Commission and grateful to the members of the committees who oversee these programs and the City of Chicago, which funds the programs," she said.

Chicago Aviation Commissioner Thomas R. Walker stated, "We are committed to doing what it takes to be a good neighbor to people who live in the Chicago neighborhoods and suburbs near O'Hare. I am very proud of the sound insulation program at O'Hare. We have recognized that aircraft noise can be an issue, committed resources to it, and given the people affected oversight on how those resources are spent."

| School Insulation Programs | | | | Residential Insulation Programs | | | |
|----------------------------|-----------------------------|-----------------------------------|---------------------------------------|---------------------------------|----------------------------------------|--------------------------------------------|-----------------------------------------|
| Airports | Number of Schools Completed | Length of School Program in Years | Total Dollars Spent on School Program | Number of Dwellings Completed | Length of Residential Program in Years | Total Dollars Spent on Residential Program | Total Dollars Spent on Sound Insulation |
| Chicago O'Hare | 75 | 19 | \$190,786,955 | 3,934 | 5 | \$126,650,000 | \$317,436,955 |
| Atlanta | 0 | NA | \$0 | 10,000 | 16 | \$60,000,000 | \$60,000,000 |
| Boston | 34 | 10 | \$8,000,000 | 2,752 | 18 | \$93,000,000 | \$101,000,000 |
| Los Angeles*** | UA | NA | UA | 2,427 | 7 | \$26,400,000 | \$26,400,000 |
| Minneapolis | 13 | 20 | \$35,449,036 | 6,120 | 9 | \$160,500,000 | \$195,949,036 |
| San Francisco | 4 | 16 | \$8,305,570 | 12,666 | 16 | \$120,000,000 | \$128,305,570 |
| Seattle | 11 | 14 | \$3,200,000 | 8,050 | 16 | \$240,000,000 | \$243,200,000 |
| Total | 137 | | \$245,741,561 | 45,949 | | \$826,550,000 | \$1,072,291,561 |

*** Los Angeles total is for residential insulation only.

Commission Encourages Quieter Fleets At O'Hare

The O'Hare Noise Compatibility Commission is encouraging all air carriers to phase out noisier hush-kit equipped jet aircraft at O'Hare as quickly as possible. The Commission is urging the airlines to move toward fleets that use quieter designed Stage-3 aircraft.

The Commission noted the announcement by American Airlines that all of its hush-kit equipped Boeing 727 aircraft were eliminated from O'Hare in August, and the statement by United Airlines that it has phased out its noisier 747-200 and DC-10 aircraft

and is scheduled to eliminate its 727s by the end of 2003.

"We thank the two major airlines at O'Hare for these efforts and their ongoing cooperation with this Commission," said O'Hare Noise Compatibility Commission Chair, Arlington Heights Mayor Arlene J. Mulder. "Now we will work to encourage all carriers at O'Hare to follow the lead of American and United."

The Commission is encouraged by the responses it received to letters requesting all

airlines at O'Hare to supply detailed information on their planned phase-out of older, noisier jets that have been equipped with hush kits.

All Stage-2 aircraft were banned from O'Hare at the beginning of 2000. Some of those aircraft were retrofitted with hush-kits to bring them into compliance with Stage-3 noise criteria. However, aircraft that are designed and manufactured to meet the Stage-3 standards are significantly quieter than the aircraft equipped with hush-kits.

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O'Hare Monitor

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Noise Hotline
1-800-435-9569

Schools To Be Monitored In Sound Insulation Program

The O'Hare Noise Compatibility Commission's School Sound Insulation Committee has selected 22 schools to be monitored as part of the 2001 O'Hare School Sound Insulation Program. The schools were selected based on several criteria including proximity to O'Hare. Eligibility for future sound insulation funding is based on actual noise monitoring.

While being placed on the list and noise monitoring are important first steps in securing funding for sound insulation work, they are not guarantees that fund-

ing will be available for these schools. That determination will come later this year from the City of Chicago.

1. Mary Seat of Wisdom, Park Ridge
2. North Elementary School, Franklin Park
3. East Leyden High School, Franklin Park
4. East School, Franklin Park
5. Elk Grove High School, Elk Grove Village
6. Ridgewood High School, Norridge
7. Brentwood Baptist Christian Academy, Des Plaines
8. Parkview Baptist Academy, Northlake
9. Al Hattendorf Pre-school, Elk Grove Village
10. Grove Junior High School, Elk Grove Village
11. Zion Evangelical Lutheran Elementary School, Bensenville
12. Rhodes Elementary School, River Grove
13. Beard Classical School, Chicago
14. MacArthur Middle School, Berkeley
15. Brentwood Elementary School, Des Plaines
16. Sunnyside School, Berkeley
17. Our Lady of Mt. Carmel, Melrose Park
18. St. Paul of the Cross Junior High, Park Ridge
19. St. Paul of the Cross Elementary, Park Ridge
20. St. John Lutheran, Mount Prospect
21. Gemini Jr. High School, Niles
22. St. Celestine School, Elmwood Park