



PART 150 NOISE STUDY UPDATE

FALL, 2007

4th Public Information Workshop/ Public Hearing

- Thursday
October 18, 2007
- 2:00 to 4:00 p.m.
and 6:00 to 8:00 p.m.
- Best Western Milwaukee
Airport Hotel
5105 S. Howell Avenue
Milwaukee, WI. 53207

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To Our Airport Neighbors:

As part of our community's goal of reducing the effects of aircraft noise on airport neighbors, the Airport is close to completing a Federal Aviation Regulation (FAR) Part 150 Noise Compatibility Study.

The Part 150 Study process was developed by the Federal Aviation Administration (FAA); conducting a Part 150 Study is the only way the Airport can qualify for federal funds for noise abatement measures, including sound insulation of homes. Other noise mitigation measures proposed in this Study include the construction of barriers at specific points along Layton Avenue that will reduce the noise from aircraft engines on the ramps. Another project included as a funding request in this proposed program would run electricity to the Signature Flight Support ramp so that aircraft parked on the ramps could be powered with quiet electrical energy instead of noisier gas or diesel auxiliary power units.

The Part 150 Noise Compatibility Study process thus far has identified existing land uses and facilities around the Airport, has conducted multiple on-site noise-monitoring sessions at various locations around the Airport, has generated both existing and future baseline noise contour maps, and has studied numerous aircraft operational alternatives to reduce aircraft noise levels. Results of this research and analysis have been presented at prior Public Information Workshops. The Consultant's recommendations are presented on pages 3 & 4 in this newsletter.

Airport neighbors will have an opportunity to view and provide comment on the proposed recommendations and the proposed sound insulation eligibility boundaries at a **Public Information Workshop and Public Hearing on October 18, at the Best Western Hotel, 5105 S. Howell Ave., from 2:00 p.m. to 4:00 pm. and again from 6:00 p.m. to 8:00 p.m.** The Workshop will feature an "open house" format, with Airport staff and consultants located at several information stations. For the Public Hearing, a court reporter will be present to record verbal comments to be included as part of the official record that will be submitted to the FAA. Written comments can also be submitted at the public hearing, or be mailed to the address on the back cover of this newsletter.

We are now in the final stages of completing the Part 150 Study, and after it is approved by the Milwaukee County Board and County Executive, it will be sent to the FAA for review. Once we receive approval from the FAA, Milwaukee County will be eligible to receive federal funding to continue the sound insulation program and the other FAA-approved noise abatement/mitigation programs.

Barry Bateman
Airport Director

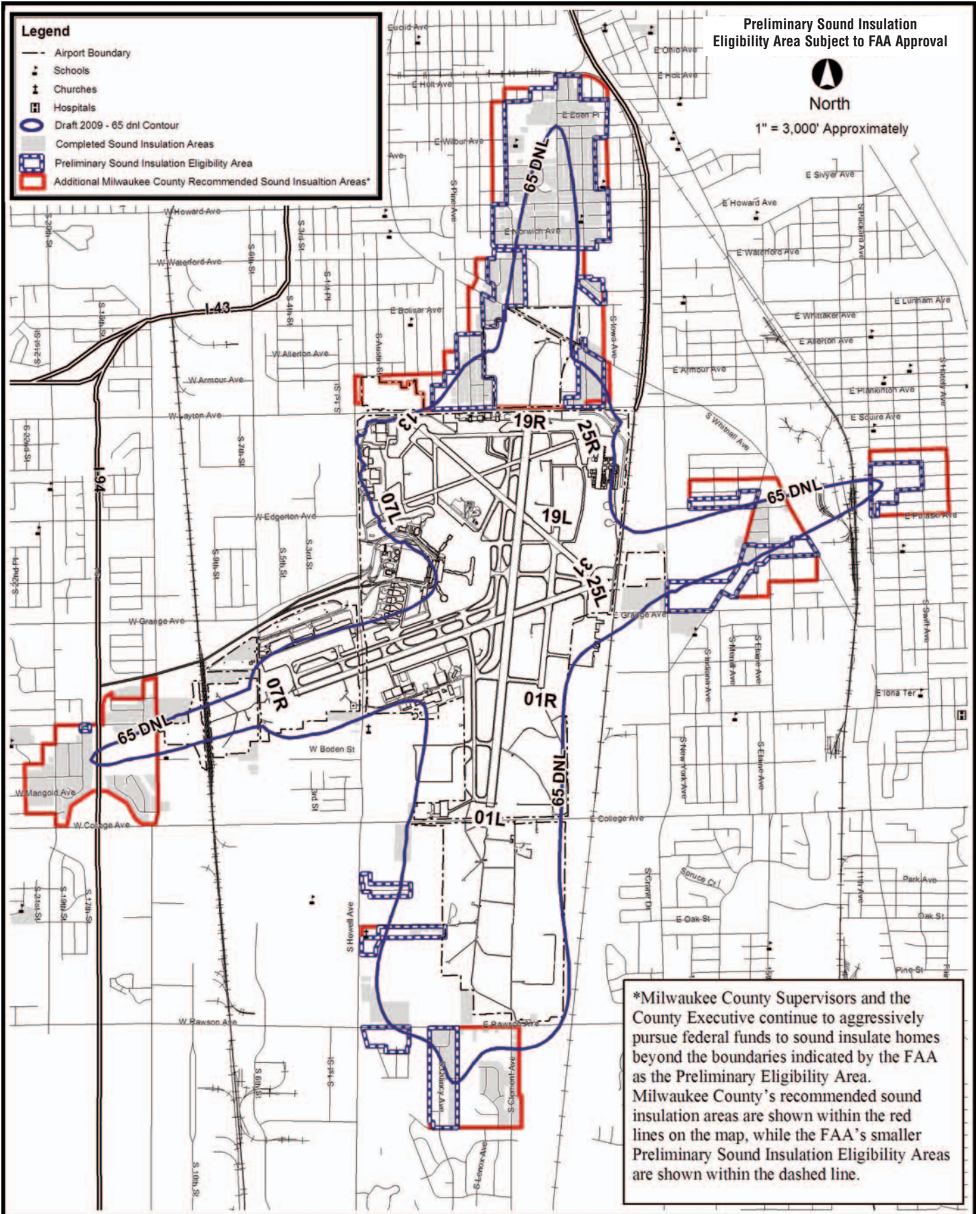
Preliminary Sound Insulation Eligibility Area Subject to FAA Approval



1" = 3,000' Approximately

Legend

- Airport Boundary
- Schools
- Churches
- Hospitals
- Draft 2009 - 65 dnl Contour
- Completed Sound Insulation Areas
- Preliminary Sound Insulation Eligibility Area
- Additional Milwaukee County Recommended Sound Insulation Areas*



*Milwaukee County Supervisors and the County Executive continue to aggressively pursue federal funds to sound insulate homes beyond the boundaries indicated by the FAA as the Preliminary Eligibility Area. Milwaukee County's recommended sound insulation areas are shown within the red lines on the map, while the FAA's smaller Preliminary Sound Insulation Eligibility Areas are shown within the dashed line.

Final Study Recommendations

The specific noise abatement recommendations developed during this Part 150 Noise Compatibility Study are listed below. They include aircraft operational recommendations, physical changes to airport facilities, land use mitigation recommendations, and administrative recommendations. They are categorized as Noise Abatement Elements, Land Use Management Elements, and Program Management and Administrative Elements.

Noise Abatement Elements

Goals

Recommendation 1.

Develop Flight Management Systems departure procedures for runway 25L including the I-94 corridor.

Reduce the number of low flying aircraft over residential development.

Recommendation 2.

Evaluate altitude of turbo-prop departures.

Reduce the number of low flying aircraft over residential development.

Recommendation 3.

Develop procedures to reduce early turns on approach for turbo-prop aircraft.

Reduce the number of low flying aircraft over residential development “cutting the corner” on arrivals for a short approach.

Recommendation 4.

Increase altitude from 2,000 feet to 2,500 feet above Sea Level for all departing jet aircraft prior to turning (modification of current departure policy).

Reduce the number of low flying aircraft over residential development on departure.

Recommendation 5.

Develop ground-based noise reduction methods, including noise barriers, aircraft parking plans, electrification of ramps and gates, and an alternate, low-tech run-up enclosure.

Reduce ground-based noise generated by aircraft on the ground which affects residential development north/northwest of the airport.

Recommendation 6.

Increase the number of high speed taxiways to reduce use of reverse thrust on landing.

Reduce noise intrusion to residents living near the airport due to use of reverse thrust on landing.

Land Use Management Elements

Goals

Recommendation 1.

Voluntary sound insulation of noise-sensitive structures such as single-family homes, multifamily homes, assisted-care facilities, schools and religious facilities within the 65 DNL.

Reduction of noise-sensitive land uses within the airport environs.

Recommendation 2.

Voluntary acquisition of noncompatible land or undeveloped land zoned for residential use.

To reduce existing and potential future noncompatible land uses within the 65 DNL.

Recommendation 3.

Voluntary acquisition of aviation easements over noncompatible land uses.

To reduce the number of noncompatible land uses involving property owners wishing to remain in their homes but not participate in a sound insulation program.

Recommendation 4.

Voluntary sales assistance.

To provide a means for homeowners to sell their homes for fair market value on the open market (if unable to sell under normal circumstances).

Program Management and Administrative Elements

Goals

Recommendation 1.

Upgrade noise monitoring and flight track monitoring system to include a multilateration system.

Assist in monitoring aircraft compliance with noise abatement procedures, improve citizen liaison, and promote citizen awareness.

Recommendation 2.

Install remote cameras to monitor ground activity, engine run-ups and use of auxiliary power units (APU), and electrification of some ramps.

Monitor aircraft operator compliance with run-up restrictions and recommendations and APU use in remote apron locations. Reduce noise emitted by APU units.

Recommendation 3.

Operations review and update of Part 150 Study.

Maintain a current noise abatement program responsive to changes in aircraft operations and to update noise contours as conditions change.

What's Next?

Following the October 18, 2007 Public Hearing, the Part 150 Noise Compatibility Study recommendations will be presented to Milwaukee County Board of Supervisors and County Executive for consideration and approval. They will then be forwarded to the Federal Aviation Administration (FAA) for its acceptance and approval.

After acceptance and publication of the Noise Exposure Maps, the FAA has 180 days to approve or disapprove the recommendations. Recommendations that are approved can then be included in requests for federal funding.

Final Public Information Workshop and Public Hearing

Thursday, October 18, 2007
2:00-4:00 p.m. and 6:00-8:00 p.m.
Best Western Milwaukee Airport Hotel
5105 S. Howell Avenue

You may attend either workshop session. The same information presented at previous Public Information Workshops and in previous newsletters will be exhibited at both sessions.

Informational exhibits, including land use and other alternatives to reduce aircraft noise in and around General Mitchell International Airport, will be available for viewing throughout each session. There will be no formal presentation.

For the public hearing a court reporter will be available to take verbal comments for the official record from those wishing to do so. Individuals wishing to orally present their comments will receive five (5) minutes to present them to the court reporter. In addition, written comments will be accepted until October 31, 2007. Comments can be emailed to info@mitchellairport.com or mailed to:

General Mitchell International Airport
Attn: FAR Part 150 Study Update
5300 S. Howell Ave.
Milwaukee, Wisconsin 53207-6156

Copies of the Part 150 Noise Study Recommendations can be reviewed at the Airport Administration offices located at 5300 S. Howell Ave. Part 150 Study chapters and recommendations can also be viewed on the Airport Web Site (see back cover).





Milwaukee County's
**GENERAL MITCHELL
INTERNATIONAL AIRPORT**
5300 South Howell Avenue
Milwaukee, WI 53207

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Final Public Information Workshop and Public Hearing

(See page 5 of this newsletter for details)

**Thursday, October 18, 2007
2:00-4:00 p.m. and 6:00-8:00 p.m.**

**Best Western Milwaukee Airport Hotel
5105 S. Howell Avenue
Milwaukee, WI**

Visit the Airport Web Site

All materials related to the Part 150 Noise Compatibility Study such as reports, Advisory Committee meeting summary notes, maps, working papers and study recommendations are available to view on the GMIA Web Site: www.mitchellairport.com. Use the **Airport Projects** link to access the Part 150 Noise Compatibility Study page. Refer to the Web Site for up-to-date information as the Study progresses. ■

Contact Information

Comments about specific incidents of aircraft noise may be phoned to 747-4677 or emailed to info@mitchellairport.com.

Comments on the FAR Part 150 Study Update may be emailed to: info@mitchellairport.com or mailed to:

**General Mitchell International Airport
Attn: FAR Part 150 Study Update
5300 S. Howell Avenue
Milwaukee, WI 53207-6156**