



FAR Part 150 Implementation

Fly Quiet Committee

February 26, 2015

Agenda

- ▶ Review of FAR Part 150 Study
- ▶ Fly Quiet Program
- ▶ Fly Quiet Noise Abatement Measures
- ▶ Discuss Next Steps

FAR Part 150 Study

- ▶ **Part 150 Studies Focus on Two Categories:**
 - Noise Abatement
 - Land Use
- ▶ **Residential Land Use within the Existing 65 DNL or Greater Noise Contour Are Not Compatible Unless the Residence has Sound Attenuated Features**
- ▶ **Approved Recommendations which reduce exposure to 65 DNL are eligible for Federal Funding**
- ▶ **All Recommendations are **Voluntary** and subject to availability of **Funding****

Fly Quiet Program

- ▶ **Purpose: develop Voluntary Noise Abatement Measures and Recommendations that meet federal regulations and eligibility criteria as well as financial feasibility for the Airport.**
- ▶ **Provide voluntary recommendations to pilots, tenants, and air traffic personnel in an effort to reduce noise intrusion to the community.**

Fly Quiet Committee

- ▶ **Contribute input on how the airport can better work with the local community**
- ▶ **Assist in the establishment of Fly Quiet Program guidelines to address specific noise concerns**
- ▶ **Identify areas of improvement for Airport operations**
- ▶ **Two committee meetings**

Noise Abatement Measures

- ▶ **Web-based Hotline and Land Line Call-in Number**
- ▶ **Informational Posters at FBO and Tenant Facilities for Friendly Flying**
- ▶ **Jeppeson Chart Inserts**
- ▶ **Formalized Program/Agreement between Users, Airport Traffic Control Tower and W.K. Kellogg Airport**
- ▶ **FAQs on W.K. Kellogg Airport Website**
- ▶ **Incorporation of WMU Fly Quiet Recommendations**

Noise Abatement Measures

Web-based Hotline and Land Line Call-in Number

- ▶ Provides line of communication for accepting noise concerns or complaints
- ▶ Aggregates complaints to one specific department; allows for evaluation of frequency of complaints, identified events, and geographical considerations

Noise Abatement Measures

Informational Posters at FBO and Tenant Facilities for Friendly Flying

- ▶ Educational materials regarding sensitive noise areas and recommended noise reduction goals of the Airport
- ▶ FBO and Airport tenants informed of the Fly Quiet recommendations advocated by the Airport.
- ▶ Displayed at the FBO and other tenant facilities, as well as being discussed at pilot meetings.

Noise Abatement Measures

Jeppeson Chart Inserts

- ▶ Insert in Jeppeson Chart book detailing the Kellogg Airport Fly Quiet Program
- ▶ Would include noise reduction goals specific to the Airport and would identify noise sensitive areas
- ▶ Specific language included to note that these procedures are “not used for navigation,” but are recommendations of the Fly Quiet Program.

Noise Abatement Measures

Formalized Program/Agreement between Users, Airport Traffic Control Tower and W.K. Kellogg Airport

- ▶ Voluntary procedures for noise abatement to be codified in Tower Agreements, Rules and Regulations or other operating agreements.

Noise Abatement Measures

Formalized Program/Agreement CONTINUED

▶ Recommended noise abatement procedures could include:

- Preferred use of Runway 23 in non-incident weather/low activity
- Preferred use of right hand traffic pattern on Runway 23 in non-incident weather/low activity
- Encourage minimization of night-time activity without compromising safety and efficiency at the Airport
- Voluntary limit on the number of touch and go operations during periods of noise sensitivity
- Voluntary restriction of engine maintenance run-ups between 10pm and 8am
- Request that pilots follow NBAA recommended noise abatement procedures (Jet Powered Aircraft)
- Request that pilots follow AOPA recommended noise abatement procedures (Piston Powered Aircraft)

Noise Abatement Measures

FAQs on W.K. Kellogg Airport Website

- ▶ Provide a list of Frequently Asked Questions (FAQs), along with explanations, on the Airport website to address issues regarding airport operations, noise, and the surrounding community.
- ▶ Education about Airport operations can provide a better understanding of current issues regarding land use compatibility.

Noise Abatement Measures

FAQs CONTINUED

▶ FAQs on the website could include:

- Why does runway use shift from one runway to another?
- Why are aircraft using Runway 05?
- What types of aircraft are used on the runways?
- How do I call in a noise complaint?
- Why can't the Airport adopt a curfew?
- Why do aircraft have to fly so low?
- Why do they have to fly at night?

Noise Abatement Measures

Incorporation of WMU Fly Quiet Recommendations

- ▶ Include WMU Draft Fly Quiet Program suggested practices in the W.K. Kellogg Airport Fly Quiet Program.
- ▶ See following slides for WMU Fly Quiet Recommendations

Noise Abatement Measures

WMU Fly Quiet Recommendations

▶ **WMU Pilots will:**

- Adhere to a *1,000'* traffic pattern altitude at the Battle Creek Airport.
- Unless engine cooling dictates otherwise, utilize a maximum angle or maximum rate of climb speed for the first 1,000 feet of altitude to distance the aircraft from residential areas.
- When approaching to land, do their best to maintain an approach profile not below VAS I, PAPI or electronic glideslope recommended glide path), if such is available.
- Avoid the use of the short parallel runway (Runways 05R and 23L) when the control tower is closed.

Noise Abatement Measures

WMU Fly Quiet Recommendations CONTINUED

▶ **WMU Mechanics will:**

- Avoid conducting extended engine run-ups on the south portion of the WMU ramp area prior to 8:00AM and after 5:00 PM on weekdays and all hours on Saturday and Sunday.

▶ **When controlling WMU aircraft Battle Creek Airport Traffic Control will:**

- When using the Northeast/Southwest runways, utilize the long parallel runway (05I/23R) to the greatest extent possible consistent with safety and operational needs.
- Unless an operational need exists, avoid using the short parallel runway (05R/23L) prior to 8:00AM and after 8:00 PM

Next Steps

- ▶ **Development of Voluntary Noise Abatement Measures**
- ▶ **Preparation for Public Information Meeting and Presentation to the Airport Advisory Committee**
- ▶ **Development of Fly Quiet Brochure and Educational Materials**

Comments and Additional Information

- ▶ **Comment Sheets Available Today or
Send Comments to:**

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