



## **FAR Part 150 Implementation**

# **Fly Quiet Committee**

August 18, 2015

# Agenda

- ▶ Review of Fly Quiet Program
- ▶ Fly Quiet Noise Abatement Measures
- ▶ Fly Quiet Program Educational Materials
  - Fly Quiet Brochure
  - Fly Quiet Poster
  - Jeppeson Chart

# Fly Quiet Program

- ▶ The Fly Quiet Program stems from a recommendation made in the 2010 Part 150 Noise Study conducted at WK Kellogg Airport
- ▶ 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 Program

Components of the Fly Quiet Program include:

- ▶ Fly Quiet Committee
- ▶ Recommendations for addressing noise issues
- ▶ Presentation to local jurisdiction regarding the Voluntary Measures associated with Fly Quiet
- ▶ Final Fly Quiet Program Educational Materials



# Noise Abatement Measures

## Educational Materials:

- ▶ Informational Posters at FBO and Tenant Facilities for Friendly Flying
- ▶ Informational Fly Quiet Brochure
- ▶ Jeppeson Chart Inserts

## Additional Measures

- ▶ Web-based Hotline and Land Line Call-in Number
- ▶ 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



# Fly Quiet Brochure

## INTRODUCTION

This brochure has been prepared to help W.K. Kellogg Airport operate in the quietest manner possible, while meeting federal regulations and safety considerations. The airport is implementing Voluntary Noise Abatement Measures in effort to reduce noise intrusion to the surrounding land uses and to be a good neighbor to the surrounding communities.

The W.K. Kellogg Voluntary Noise Abatement Measures focus on pilot and community education, as well as on open dialogue with local neighbors. Compliance with the measures is requested unless deviations are made necessary by weather, ATCT instructions or clearances, an inflight emergency, or other safety considerations.

The noise measures described in this brochure are not intended to preempt the responsibilities of the pilots for safe aircraft operations. Further, recommended procedures are not intended to conflict with instructions from ATC or the FAA.

Implementation of these Voluntary Noise Abatement Measures help reduce aircraft noise over neighboring areas. Complying with the measures helps maintain the characteristics of the City of Battle Creek that have made it a treasured place to live, work, and visit. Pilots are encouraged to "fly friendly" whenever possible and to always "fly safe!"



## Fly Safe !



W.K. Kellogg Airport  
15551 South Airport Road  
Battle Creek, MI 49015  
(269) 966-3470



**FAR Part 150  
Noise Implementation**

## Fly Quiet Brochure



# Fly Quiet Brochure

## Voluntary Noise Abatement Measures

- 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.
- 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 using the Northeast/Southwest runways, utilize the long parallel runway (05L/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
- Duncan Aviation recommends all run-up of aircraft at the south end of the airport in the jet-designated run-up area between the hours of 8:00 AM to 10:00 PM Monday through Friday, and 8:00 AM to 5:00 PM on Saturday and Sunday. After hours run-up times are kept to a minimum.



## In what other ways is W.K. Kellogg Airport addressing noise issues?

- Web-based Hotline and Land Line Call-in Number
- Informational Posters at FBO and Tenant Facilities for Friendly Flying
- Pilot Information
- Formalized Program/Agreement between Users, Airport Traffic Control Tower and W.K. Kellogg Airport
- FAQs on W.K. Kellogg Airport Website



# Fly Quiet Poster



WK Kellogg Airport is implementing Voluntary Noise Abatement Measures in effort to reduce noise intrusion to the surrounding land uses and to be a good neighbor to the surrounding communities.

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## Voluntary Noise Abatement Measures



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## Fly Quiet ! Fly Safe !

W.K. Kellogg Airport • 15551 South Airport Road • Battle Creek, MI 49015 • (269) 966-3470



# Fly Quiet Jeppeson Chart

## Noise Abatement Measures

WK Kellogg Airport, Battle Creek, Michigan

Effective February 2012, the Federal Aviation Administration approved the recommendations contained in the WK Kellogg Airport FAR Part 150 Study. The airport is implementing Voluntary Noise Abatement Measures in effort to help reduce aircraft noise over neighboring areas. The noise measures are not intended to preempt the responsibilities of the pilots for safe aircraft operations. Further, recommended procedures are not intended to conflict with instructions from ATC or the FAA. Pilots are encouraged to "fly friendly" whenever possible and to always "fly safe!"

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*Note: The procedures described herein are intended for noise abatement purposes and are subject to air traffic control and pilot discretion for reasons of safety.*

Noise Abatement Measures  
WK Kellogg Airport, Battle Creek, Michigan

Noise Abatement Measures  
WK Kellogg Airport, Battle Creek, Michigan



Note: Crosswind flight track is indicated by a dotted line because it is used less often due to less favorable winds.



# Additional Measures

## Web-based Hotline and Land Line Call-in Number

- ▶ Line of communication for accepting noise concerns or complaints. Allows for evaluation of frequency of complaints, identified events, and geographical considerations.

## 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.

# Additional 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.

## Incorporation of WMU Fly Quiet Recommendations

- ▶ Include WMU Draft Fly Quiet Program suggested practices in the W.K. Kellogg Airport Fly Quiet Program.

# Next Steps

- ▶ **Preparation for Presentation to the Board of Commissioners**
- ▶ **Development of Fly Quiet Educational Materials**
- ▶ **Implementation of Voluntary Noise Abatement Measures**



# Comments and Additional Information

- ▶ **Comment Sheets Available Today or  
Send Comments to:**
- ▶ **Ms. Jen Wolchansky**
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  - 1743 Wazee St, Ste. 400
  - Denver, Colorado 80202
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