



DANE COUNTY REGIONAL AIRPORT NOISE COMPATIBILITY PLANNING STUDY

Winter 2024 Newsletter

Study Update

Dane County Regional Airport (MSN) is undertaking a Noise Compatibility Planning Study in accordance with Title 14 of the Code of Federal Regulations Part 150 (14 CFR Part 150 or Part 150). The first phase of this study resulted in a Noise Exposure Map (NEM) that was submitted to the FAA in December 2022 and accepted by the FAA in December 2023.

The second phase of the study involves the development of the Noise Compatibility Program (NCP). The NCP document includes a list of the actions that MSN

recommends to address land uses that are incompatible with aircraft noise as conveyed in the FAA-accepted NEM. The NCP document includes all considered measures, reasons for recommending or not recommending measures, how measures will be implemented and funded, and the predicted effectiveness of the measures. Official FAA acceptance and approval of the NCP measures does not eliminate requirements of the National Environmental Policy Act (NEPA). NCP measures approved by the FAA may qualify for federal funding to implement.

Public Review & Comments

The draft NCP document will be available for public review and comment from February 12 to March 13, 2024. During the review period, an electronic version of the document will be available online at www.msnaairport.com/about/ecomentality/Part-150-Study. The document will also be available in printed form at the following locations during normal business hours:

- MSN offices, 4000 International Lane, Madison, WI
- Madison Public Library – Lakeview
2845 North Sherman Avenue, Madison, WI

Public comments will be accepted orally and in writing at the public open house/hearing on February 20, 2024. During the public review period, comments can also be emailed to part150study@msnaairport.com.

Public Open House 4

This is an opportunity for the public to review the NCP document, ask questions to technical experts on the Study Team, and provide oral comments via a stenographer and/or written comments using the provided form.

When: Tuesday, February 20, 5:30 – 7:30 p.m.

Where: Dane County Regional Airport lobby between Terminal Doors 1 & 2

Thank You for Your Comments

Since June 2023, the Study Team and MSN have carefully reviewed and considered the comments received on the Airport Noise Compatibility Study. Measures developed for the draft NCP document incorporated ideas provided by the public, and MSN would like to thank the public for their involvement, which has shaped the MSN NCP. Part 150 Studies benefit from robust public engagement, and MSN is proud to have developed a proposed Noise Abatement Departure Procedure for the F-35A in collaboration with the public and the 115th Fighter Wing of the Wisconsin Air National Guard to reduce incompatible land uses south of MSN.

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This collaborative Part 150 process has resulted in the following proposed measures:

Noise Abatement Measures	
NA-1	Develop noise abatement flight paths and encourage use paths to avoid aircraft overflying educational facilities
NA-2	Encourage aircraft departing Runway 32 to pass through 2,500 feet Mean Sea Level (MSL) before turning left
NA-3	Encourage eastbound and southbound aircraft exceeding 12,500 pounds departing Runway 3 to climb on runway heading through 2,500 feet MSL before turning right
NA-4	Encourage all aircraft exceeding 12,500 pounds and departing Runway 21 to turn left 10 degrees
NA-5	Establish visual approach and departure corridors for helicopters
NA-6	Modify the existing preferential runway use program to improve the compliance with aircraft arriving from and departing to the north
NA-7	Encourage the use of Noise Abatement Profile (NADP) procedures by operators of jet aircraft
NA-8	Consider runway reconfiguration to address noncompatible land use to the south of the Airport
NA-9	Encourage the Wisconsin Air National Guard 115th Fighter Wing to continue limiting F-35A aircraft operations to the daytime (7 a.m. to 10 p.m.), except for emergency situations
Land Use Measures	
LU-1	Maintain existing compatible land uses in the airport vicinity
LU-2	Continue voluntary land acquisition inside the 70 dB DNL
LU-2	Continue the planned voluntary land acquisition of the Cherokee Marsh and Token Creek Park
Program Management Measures	
PM-1	Re-establish and maintain a noise advisory committee
PM-2	Continue and improve noise complaint response program
PM-3	Regular updates of the Noise Exposure Map
PM-4	Periodic evaluation and update of the Noise Compatibility program when necessary

Study Phases Timeline

