

Appendix F: 2023-2025 Public Consultation Materials

This appendix includes:

- Boards and Sign-in Sheets for Public Open House 3 (2023)
- Boards and Sign-in Sheets for Public Open House 4 (2024)
- Boards and Sign-in Sheets for Public Open House 5 (2025)
- Presentation and Sign-in Sheets for Public Hearing (2025)
- Newsletter 3 (2023)
- Newsletter 4 (2024)
- MSN Part 150 Website Information (2024)
- MSN Part 150 Website Information (2025)
- Public Open House Postcard (2025)
- NCP Update Summary (2025)
- NCP Public Notice Newspaper Affidavit of Publication (2025)

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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House 3



Airport Facility Overview

MSN

- Covers 3,500 acres and serves over 2.2 million commercial passengers each year
- Fixed-Base Operator Wisconsin Aviation is located on the east side of the airport

115th Fighter Wing of the Wisconsin Air National Guard (ANG)

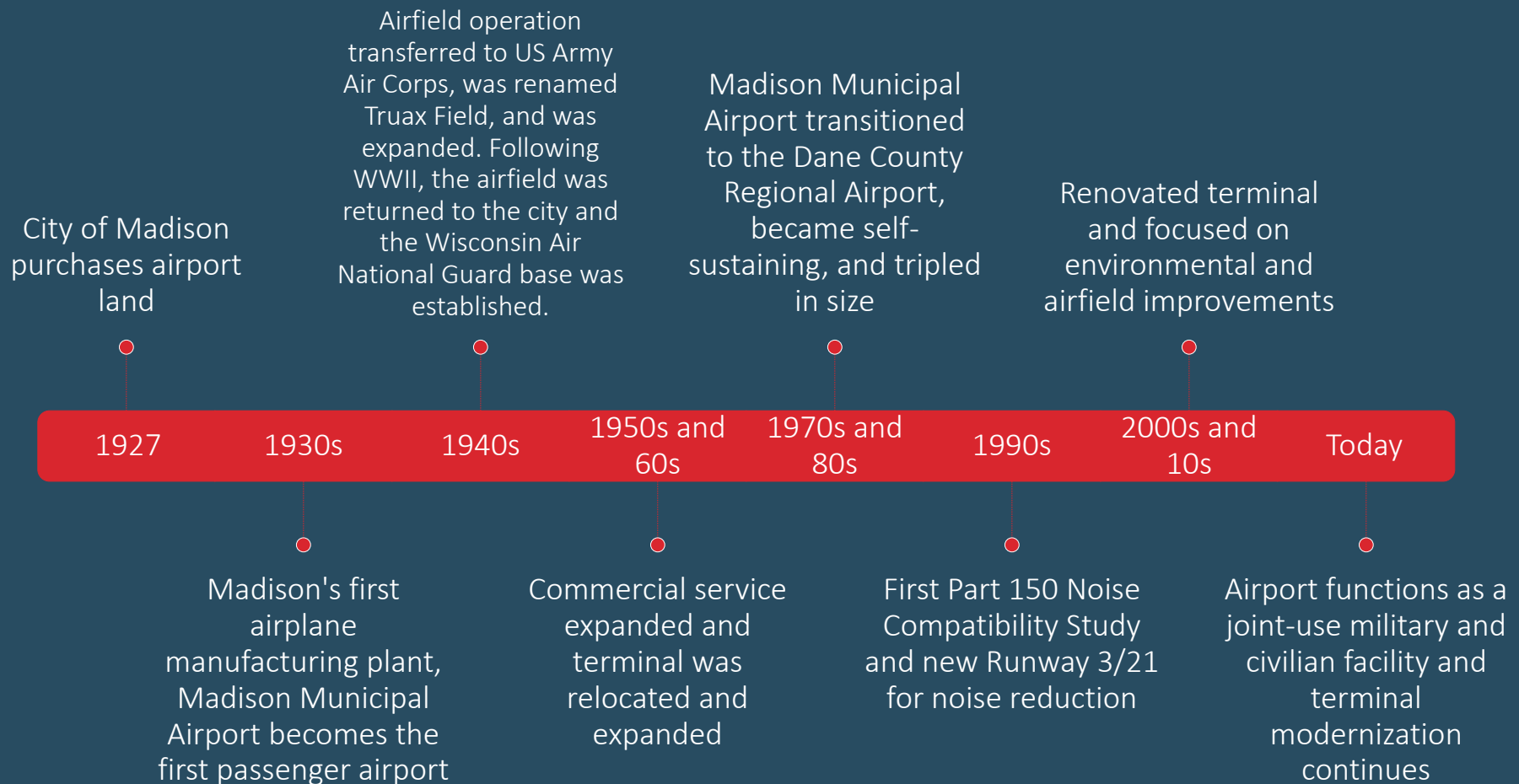
- Chosen to host the F-35A mission and receive a new fleet of F-35A Lightning II aircraft beginning in Spring of 2023

Wisconsin Army National Guard (ARNG) 64th Troop Command

- Operates UH-60 Black Hawk helicopters at Truax Field



Airport History



Source: https://www.msnairport.com/about/facilities_maps/history



Part 150 Overview: Study Process

Develop Study Protocol

- Finalize methodology
- Establish Technical Advisory Committee
- Develop project schedule and milestones

Verification

- Existing Noise Exposure Maps, planning, and environmental documents
- Noise complaint data
- GIS and land use data
- Flight track, operations, and noise data
- FAA activity forecasts

Develop NEMs

- Develop noise contours for existing and 5-year forecast conditions
- Review land use data & policies
- Noise impact evaluation for DNL 65-75 dBa
- Identify incompatible land uses and review existing NCP
- Prepare maps in accordance with 14 CFR Part 150

Develop NCP

- Consider noise abatement strategies
- Consider land use strategies
- Consider programmatic strategies
- Update NCP in accordance with 14 CFR Part 150

Stakeholder Engagement and Public Outreach

Technical Advisory Committee • Public Meetings/Hearings • Public Website Materials and Newsletters



Part 150 Study Team

Dane County Regional Airport Team

- Wisconsin Department of Transportation
Bureau of Aeronautics
 - Matt Messina – Airport Development Engineer
- Airport (MSN)
 - Kim Jones – Airport Director
 - Michael Kirchner – Engineering Director
 - Lowell Wright – Airport Noise Abatement / Environmental Officer

Project Team

- HMMH
 - Gene Reindel – Principal-in-Charge
 - Tim Middleton – Project Manager
 - Julia Nagy – Assistant Project Manager
- Mead & Hunt
 - Kate Andrus – Project Lead, Airport Planning and Forecasts
 - Ryan Hayes – Airport Planning and Forecasts
 - Chris Reis – Local Client Lead
- The Jones Payne Group
 - Diane Carter – Project Lead, Principal-in-Charge
 - Brianna Whiteman – Assistant Project Manager, QA/QC



Roles and Responsibilities

Airport

- Project sponsor
- Certification that documentation is true and accurate
- Recommend measures to address incompatible land use

Consultant Team

- Overall project management, documentation, and outreach
- Aircraft noise analysis and abatement planning
- Noise compatibility analysis and planning
- Aviation forecast and airfield analysis

FAA

- Certification that the documentation meets federal regulations and guidelines
- Approval of Airport-recommended measures

Technical Advisory Committee

- Review study inputs, assumptions, analyses, documentation, etc.
- Input, advice, and guidance related to NEM and NCP development

Public

- Provide input on study during comment period
- Review public draft documents

Part 150 Overview: Noise Exposure Map

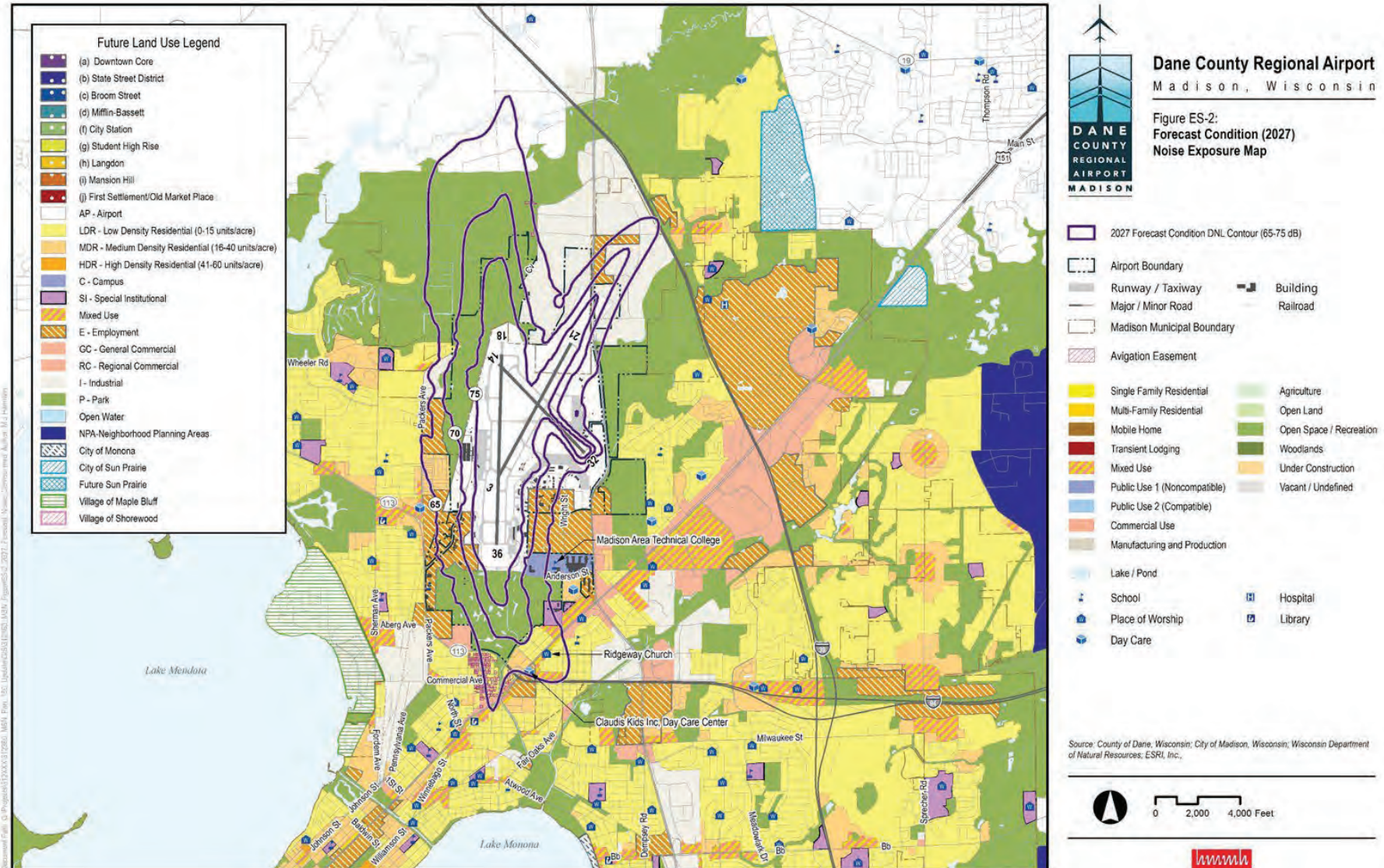
- FAA “accepts” NEM as compliant with Part 150 standards
- NEM must include detailed description of
 - Airport layout, aircraft operations, and other inputs to noise model
 - Aircraft noise exposure in terms of Day-Night Average Sound Level (DNL)
 - Land uses within DNL 65+ decibel (dB) contours
 - Noise / land use compatibility statistics within DNL 65+ dB contours
- NEM must address two calendar years
 - Year of submission (2022)
 - Forecast (at least five years from year of submission; 2027)
 - FAA reviews forecasts for consistency with Terminal Area Forecast (TAF)



Noise Modeling Process For Commercial and General Aviation Operations

- Base Year – 2021
 - Obtained, processed and analyzed 12 months of flight track and aircraft identification data
 - Developed modeled flight tracks
 - Determined day-night aircraft operations, fleet mix and runway use
- Existing and Forecast Conditions – 2022 & 2027
 - Confirmation of the FAA's Terminal Area Forecast (TAF)
 - Scaled base year operations and updated aircraft fleet to 2022 and 2027 TAF
 - No changes to flight tracks, runway use





Land Use Assessment for 2027 Forecast Conditions

- The 2027 Forecast Conditions identified four noise-sensitive sites within the 65 DNL contour:
 - School:** Madison Area Technical College at 1701 Wright St, Madison, WI 53704
 - Place of Worship:** Ridgeway Church at 3245 E Washington Ave, Madison, WI 53704
 - Day Care:** Claudi's Kids Inc-Day Care Center at 3131 E Washington Ave, Madison, WI 53704
 - Transient Lodging:** Spence Motel at 3575 E Washington Ave, Madison, WI 53704

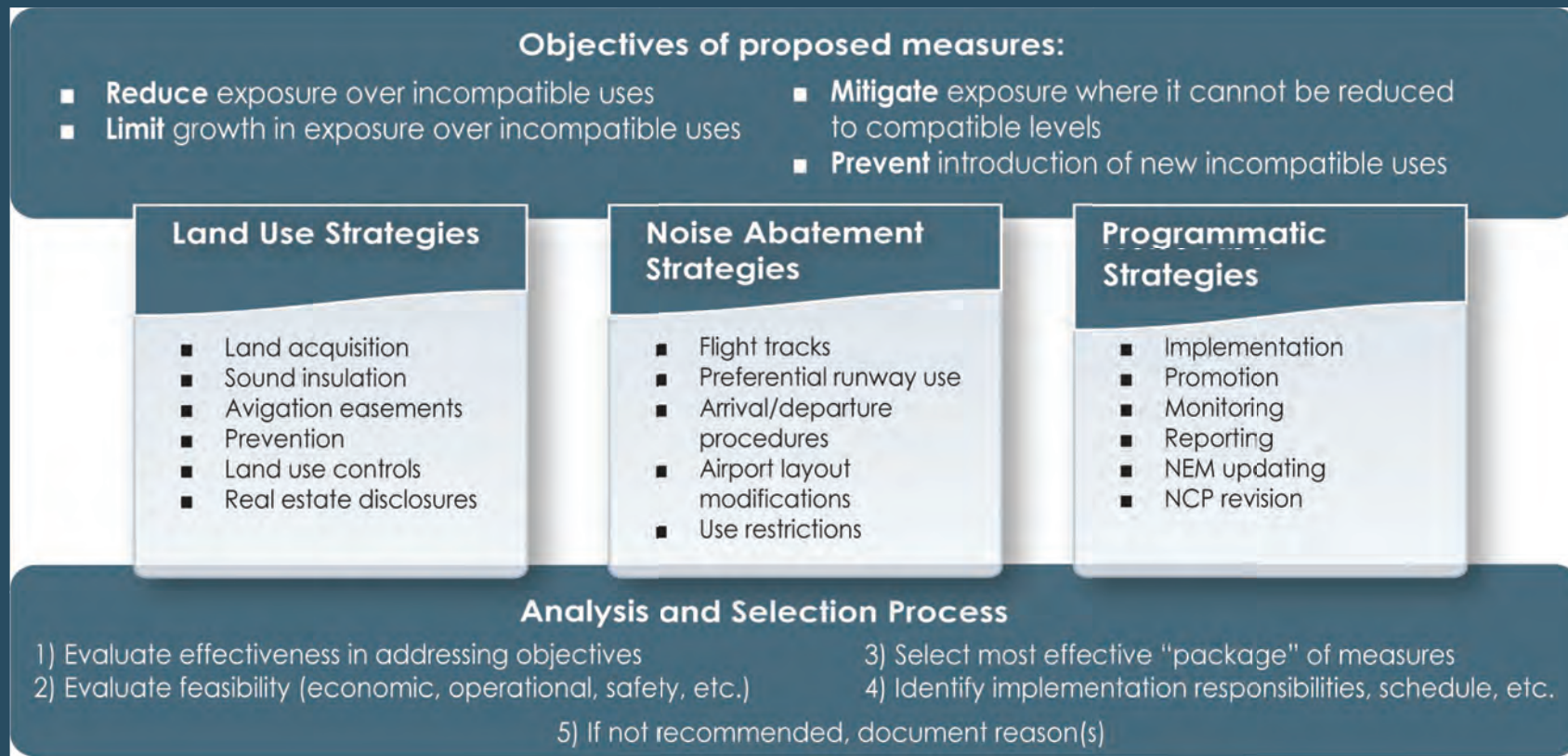
Forecast 2027 Combined 65 – 75 DNL Contours			
	<i>Population Census 2020</i>	<i>Housing Units</i>	<i>Area (Acres)</i>
65-70 DNL	2,424	1,227	1,823.31
70-75 DNL	57	23	935.53
>75 DNL	0	0	971.30
Total	2,481	1,250	3,730.14



Part 150 Overview: Noise Compatibility Program

- NCP must address three major categories of proposed actions
 1. Noise abatement measures
 2. Compatible land use measures
 3. Program management/administrative measures
- FAA *accepts* NCP as compliant with Part 150 standards
- FAA reviews and *approves* or *disapproves* proposals as compliant with Part 150 standards on a measure-by-measure basis

NCP Overview



Existing MSN NCP

- 1991 MSN NCP included:
 - Noise abatement measures (9)
 - Land use measures (11)
 - Programmatic measures (3)
- NCP Review
 - Determine implementation status of each existing measure
 - Determine compliance with the measures if implemented
 - Determine if existing measures should be:
 - Continued as written
 - Continued with modifications
 - Eliminated
 - Determine whether additional measures are needed to address the noncompatible land uses identified in the 2022 NEMs
 - *Comments from the public*

Existing NCP Measures		Status
NA-1	Continue the existing runway use program	Implemented
NA-2	Continue requiring aircraft departing on Runway 31 to pass through 2,500 feet MSL (1,600 feet above ground level) before turning left	Implemented
NA-3	Establish visual approach and departure corridors for helicopters	Implemented
NA-4	Encourage use of noise abatement departure procedures by operators of jet aircraft	Implemented
NA-5	Encourage Air National Guard to construct a hush house for F-16 engine maintenance runups prior to converting its fleet	Implemented
NA-6	Build new 6,500-foot Runway 3-21	Implemented
NA-7	Adopt runway use system preferring departures on Runways 3, 31, and 36 and arrivals on Runways 13, 18, and 21	Implemented
NA-8	Require east and southbound aircraft exceeding 12,500 pounds and departing on Runway 3 to climb on runway heading through 2,500 feet MSL before turning right	Implemented
NA-9	Require all aircraft exceeding 12,500 pounds and departing Runway 21 to turn left 10 degrees as soon as safe and practicable	Implemented
LU-1	Maintain existing compatible zoning in the airport vicinity	Implemented
LU-2	Define "airport affected area" for purposes of implementing Wisconsin Act 136	Implemented
LU-3	Adopt airport noise overlay zoning	Not Implemented
LU-4	Amend subdivision regulations to require dedication of noise and aviation easements of plat notes on final plat	Implemented
LU-5	Consider amending County subdivision regulations to prevent subdivision of land zoned A-1 Agriculture	Not Implemented
LU-6	Amend building codes to provide soundproofing standards for noise-sensitive development in airport noise overlay zones	Not Implemented
LU-7	Amend local land use plans to reflect noise compatibility plan recommendations and establish airport compatibility criteria for project review	Implemented
LU-8	Follow through with planned land acquisition in Cherokee Marsh and Token Creek Park areas	Not Implemented
LU-9	Consider expanding land acquisition boundaries in Cherokee Marsh and Token Creek areas	Not Implemented
LU-10	Establish sales assistance or purchase assurance program for homes impacted by noise above 70 Ldn	Implemented
LU-11	Install sound insulation for schools impacted by noise above 65 Ldn	Not Implemented
PM-1	Program monitoring and noise contour updating	Implemented
PM-2	Evaluation and update of the plan	Implemented
PM-3	Noise complaint response	Implemented



Existing Noise Abatement Measures

	Existing Noise Abatement Measures	Status
NA-1	Continue the existing runway use program	Implemented
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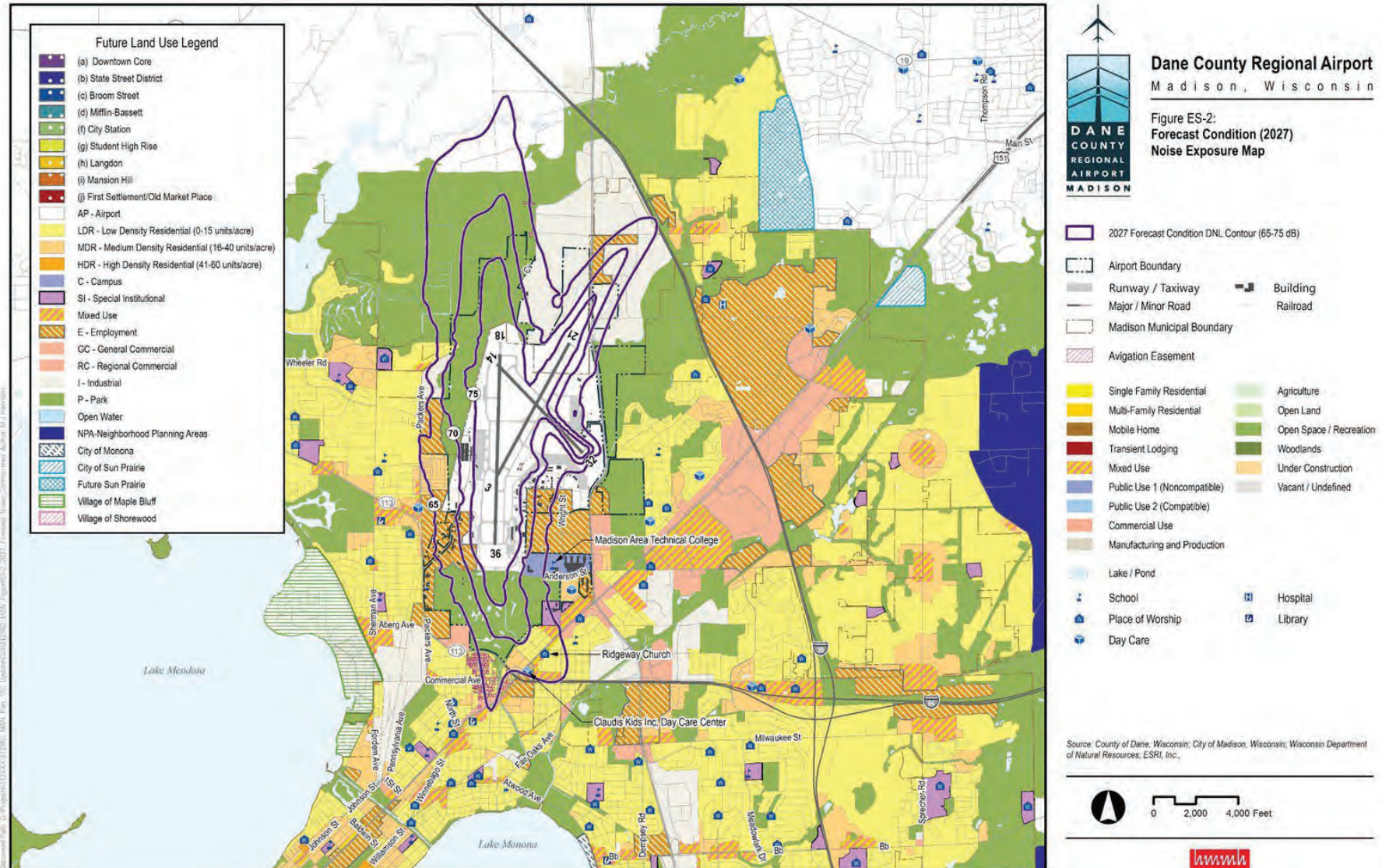
Noise Abatement Strategies

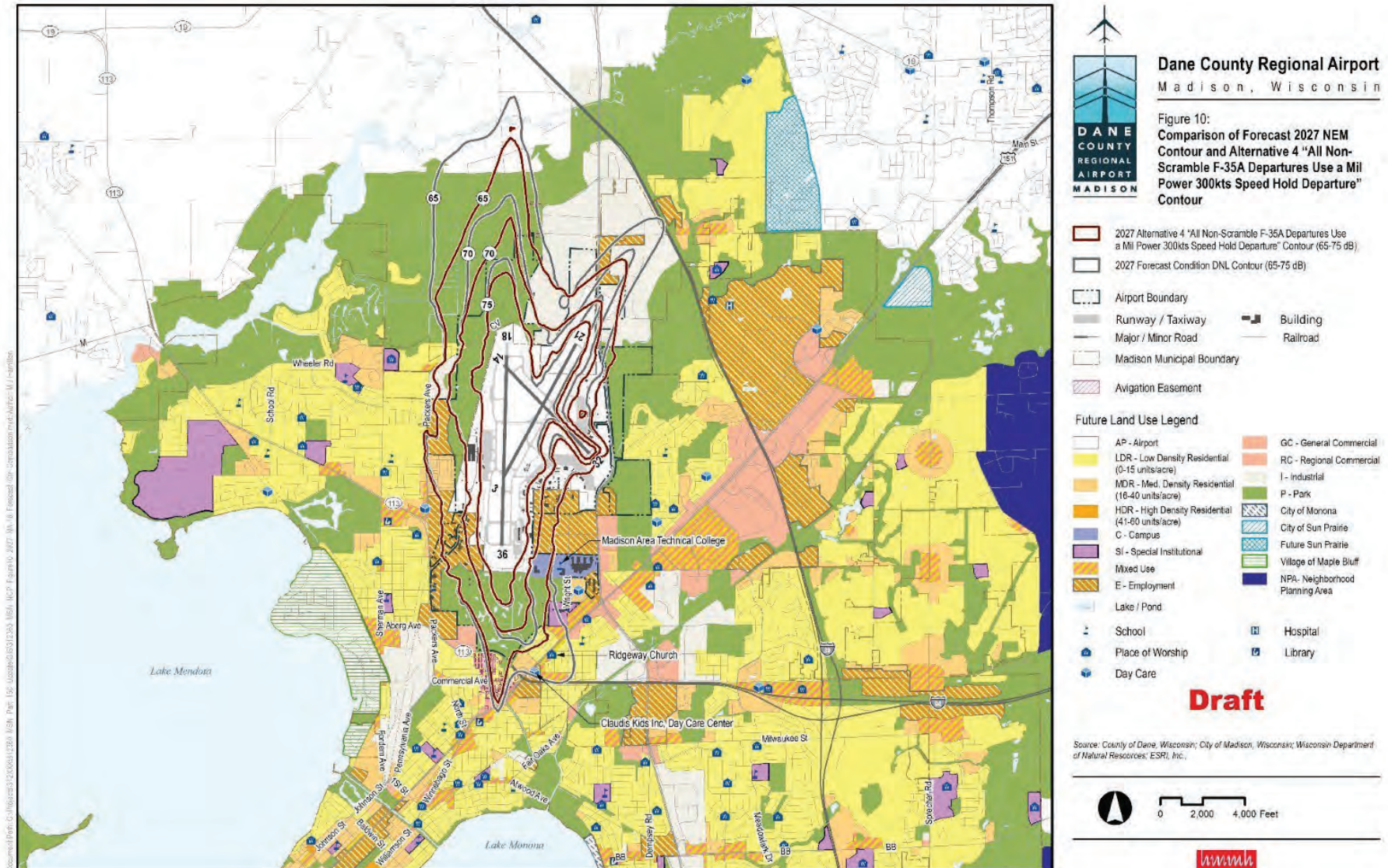
- Flight tracks
- Preferential runway use
- Arrival/departure procedures
- Airport layout modifications
- Use restrictions

Proposed Noise Abatement Measures

- Flight Tracks
 - Develop and implement preferred flight paths for Runway 18 departures
 - Develop and implement new flight paths to minimize overflying educational facilities
 - Design flight paths that avoid high-density population areas
- Preferential Runway Use
 - Development and implement a preferential runway use program for F-35A aircraft operations
 - Use Runway 3/21 for all WIANG departure scrambles
- Arrival/Departure Procedures
 - Develop and implement an F-35A aircraft noise abatement departure profile (NADP)
- Airport Layout Modifications
 - Lengthen Runway 3-21 to allow more F-35A operations
- Use Restrictions
 - Minimize F-35 training flights during times when children are traveling to and from school or outside for recess
 - Reduce nighttime F-35A operations



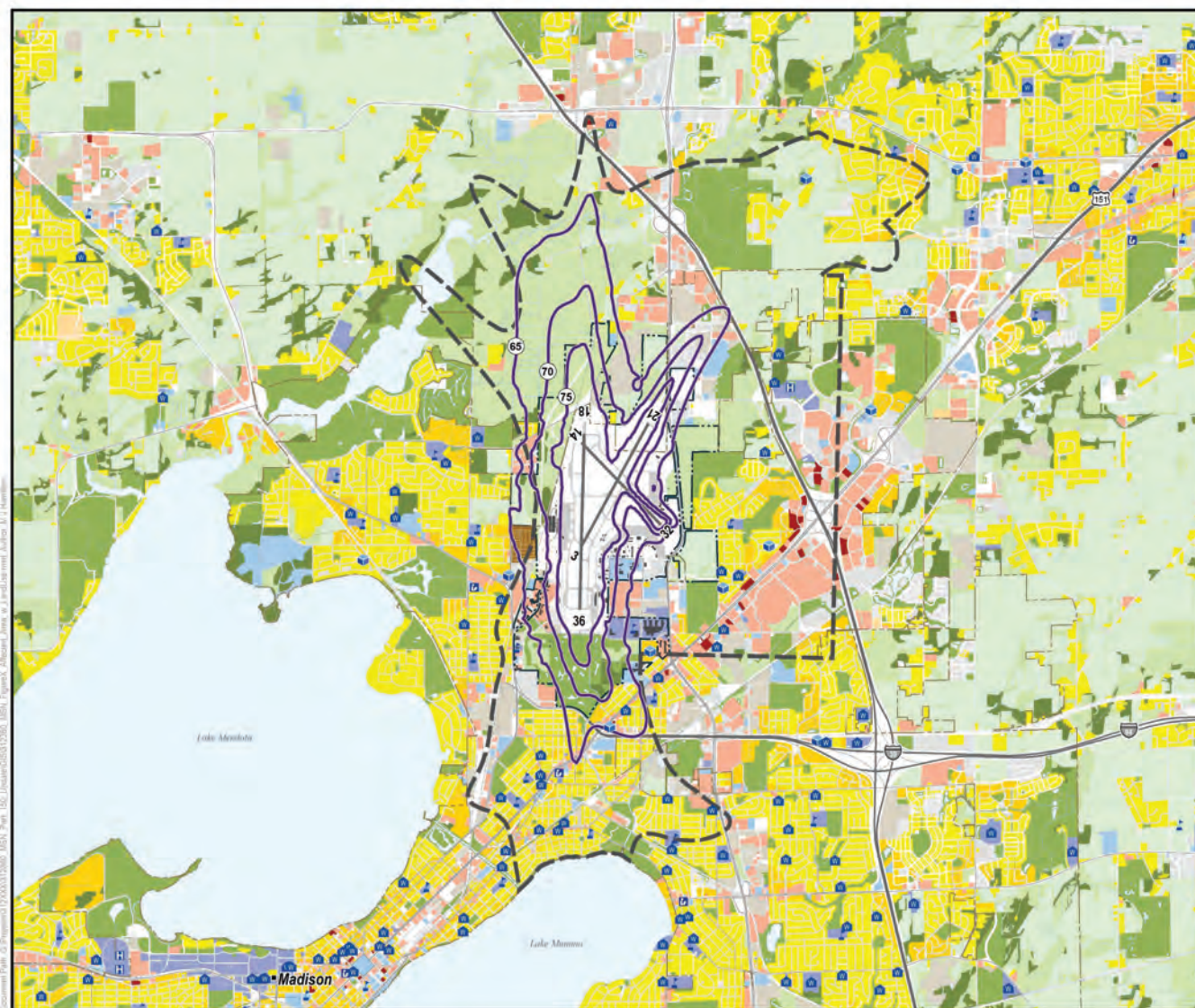




Existing Land Use Measures

	Existing Land Use Measures	Status
LU-1	Maintain existing compatible zoning in the airport vicinity	Implemented
LU-2	Define “airport affected area” for purposes of implementing Wisconsin Act 136	Implemented
LU-3	Adopt airport noise overlay zoning	Not Implemented
LU-4	Amend subdivision regulations to require dedication of noise and aviation easements of plat notes on final plat	Implemented
LU-5	Consider amending County subdivision regulations to prevent subdivision of land zoned A-1 Agriculture	Not Implemented
LU-6	Amend building codes to provide soundproofing standards for noise-sensitive development in airport noise overlay zones	Not Implemented
LU-7	Amend local land use plans to reflect noise compatibility plan recommendations and establish airport compatibility criteria for project review	Implemented
LU-8	Follow through with planned land acquisition in Cherokee Marsh and Token Creek Park areas	Not Implemented
LU-9	Consider expanding land acquisition boundaries in Cherokee Marsh and Token Creek areas	Not Implemented
LU-10	Establish sales assistance or purchase assurance program for homes impacted by noise above 70 Ldn	Implemented
LU-11	Install sound insulation for schools impacted by noise above 65 Ldn	Not Implemented





Dane County Regional Airport Madison, Wisconsin

Figure:
Forecast Condition (2027)
Noise Exposure Map and
Airport Affected Area

- 2027 Forecast Condition DNL Contour (65-75 dB)
- Airport Affected Area (Dane County Ordinance Chapter 78)
- Airport Boundary
- Runway / Taxiway
- Major / Minor Road
- Madison Municipal Boundary
- Single Family Residential
- Multi-Family Residential
- Mobile Home
- Transient Lodging
- Mixed Use
- Public Use 1 (Noncompatible)
- Public Use 2 (Compatible)
- Commercial Use
- Manufacturing and Production
- Agriculture
- Open Land
- Open Space / Recreation
- Woodlands
- Under Construction
- Vacant / Undefined
- Lake / Pond
- School
- Place of Worship
- Day Care
- Building
- Railroad
- Hospital
- Library

Source: County of Dane, Wisconsin; City of Madison, Wisconsin; Wisconsin Department of Natural Resources; ESRI, Inc.



0 5,000 10,000 Feet



Land Use Strategies

- Land acquisition
- Sound insulation
- Avigation easements
- Prevention
- Land use controls
- Real estate disclosures

Proposed Land Use Measures

- Land Acquisition
 - Implement a land acquisition and relocation program
 - Acquire the mobile home park and relocate the residents
 - Implement a sales assistance program
- Sound Insulation
 - Implement a residential sound insulation program
 - Implement a sound insulation program at schools and other noise sensitive buildings
 - Consider elementary schools and noise effects on children's learning
- Avigation Easements
- Prevention
 - Establish an airport affected area
 - Restrict future introduction of low-income and other residential developments within the 65 dB DNL noise contour or adjacent to the airport
- Land Use Controls
 - Change building codes to support sound proofing
 - Consider environmental justice and low-income communities
- Other Ideas
 - Report alternative metrics and consider use of lower DNL threshold
 - Implement a Home Sales Assistance Program



Existing Program Management Measures

	Existing Program Management Measures	Status
PM-1	Program monitoring and noise contour updating	Implemented
PM-2	Evaluation and update of the plan	Implemented
PM-3	Noise complaint response	Implemented



Proposed Program Management Measures

- Implementation
- Promotion
- Monitoring
 - Install a flight track monitoring system
 - Install a noise monitoring system
- Reporting
 - Create a noise advisory group
- NEM Updating
 - Update the NEM on a regular basis
- NCP Revision

Programmatic Strategies

- Implementation
- Promotion
- Monitoring
- Reporting
- NEM updating
- NCP revision



Proposed Schedule

Meeting / Activity	Anticipated Purpose	Time Frame
Kick-Off Meeting with MSN and the Part 150 Team	Define organizational and procedural matters and public outreach, review and refine scope and schedule details.	<i>Completed:</i> January 20, 2022
1 st Public Open House	Introduction to Part 150, set expectations, discuss stakeholder roles, identify issues of concern	<i>Completed:</i> April 26, 2022
NEM Public Comment Period, 2 nd Public Open House	NEM thirty-day public comment period and second Public Open House	<i>Completed:</i> November 2022
MSN to Submit Final NEM to FAA	MSN submits final updated NEM to FAA for review and approval. Respond to FAA questions as needed.	<i>Completed:</i> December 2022
3 rd Public Open House*	Solicit public input on potential NCP measures for MSN consideration. <i>*Additional open house added to schedule.</i>	June 27, 2023
NCP Public Comment Period, 4 th Public Open House and NCP Hearing	NCP thirty-day public comment period and fourth Public Open House and NCP Hearing.	4 th Quarter 2023
MSN to Submit Final NCP to FAA	MSN submits final updated NCP to FAA for review and approval. Respond to FAA questions as needed.	1 st Quarter 2024

Note: Schedule is subject to change



MSN Part 150 Study Website and Project Contacts

- Website:
<https://www.msnairport.com/about/ecomentality/Part-150-Study>
- Project email address:
part150study@msnairport.com
- Tim Middleton – HMMH Project Manager, Contact:
tmiddleton@hmmh.com



Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House Sign-In Sheet # _____

June 27, 2023

Name	Email Address	Address	Phone Number
Jeanne Korenda	jeannek914@gmail	914 Mayfair Ave.	(608) 246-2046
Anna Laitinen	anna.laitinen@gmail.com	1317 Carpenter	919 601 6272
Dennis Noonan	dennisnoonan@gmail.com	1942 Soetjens St	608 244-8473
Joyce Bruchke	joyb74@charter.net	1937 Sachtjen St	608 244-1529
KEN Croes		2730 MOLAND ST. 53704	
Mary Makarushka	croes.makarushka@gmail.com	2730 Moland	608-819-0404
James + Brooke Boelman	bechenb@gmail.com	4417 Prairieview Drive	608-574-5405
Kevin Powell		2529 Fairfield Pl Mdsn 53704	
Joyce Wells		3301 Quincey Ave 53704	
Lucas Robinson	lrobinson@medison.com	1901 Fish Hatch Rd.	608-252-6186
Casimiro Sillas	casselas56@gmail.com	6089 Danielle Rd DeForest	608-347-4035
Andy + Dave Krumm	c.krumm@yahoo.com	6093 Danielle Rd DeForest	608-516-1627

Noise Compatibility Planning Study

Dane County Regional Airport

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June 27, 2023

Name	Email Address	Address	Phone Number
Dorothy M. LORMAN		3408 K. PHILIP MADISON 53704	608 259-6026
Cynthia Rose		3014 Anthracite DR Madison WI 53704	(608) 234-5706
MALORY PALMER			608 772 6166
Louengco		3149 Clove 53704	608 658-3844
ANTONIO TESTOLU		237 N. MARQUETTE	608 575 8390
PATTY & DAN DORAN	PADORAN@SBC PADORAN@GLOBAL.NET	1921 GULSETH ST.	608 658-8125
Ray Muller Kathleen Howe	R12907@YAHOO.COM	194 Jackson Street Madison, 53704	510-681-6052
Marybeth Wilk	marybeth.wilk@charter.net	29 N 7th St. 53704	608 Madison 220-6207
Bernie Conley	bernie4723@gmail.com		
Rick Soltski	dpenguin11@hotmail.com	3322 QUINCY AV MADISON WI	608.770 1478
DARREN HELGESEN MICHELLE VOIGTS	dhelgesen42@gmail.com	1950 MELROSE ST. MADISON, WI 53704	608 663-1780
JANE H. KANAOKI	jhkanaski@gmail.com	57 LANSING MADISON, WI 53714	608 341-9166

Noise Compatibility Planning Study

Dane County Regional Airport

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Name	Email Address	Address	Phone Number
Cyndi Setts	CyndiK@ ymail.com	1033 Melvin CT.	
Jeanne Hansen	JeannetHansen @Gmail.com	824 Jackson Ave 53714	608-244- 5094
Kelly Kearns	Kearns@ uwatumi.com	1329 Crowley Ave 53704	608.345 7144
Tom McClintock	"	"	"

Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House 4



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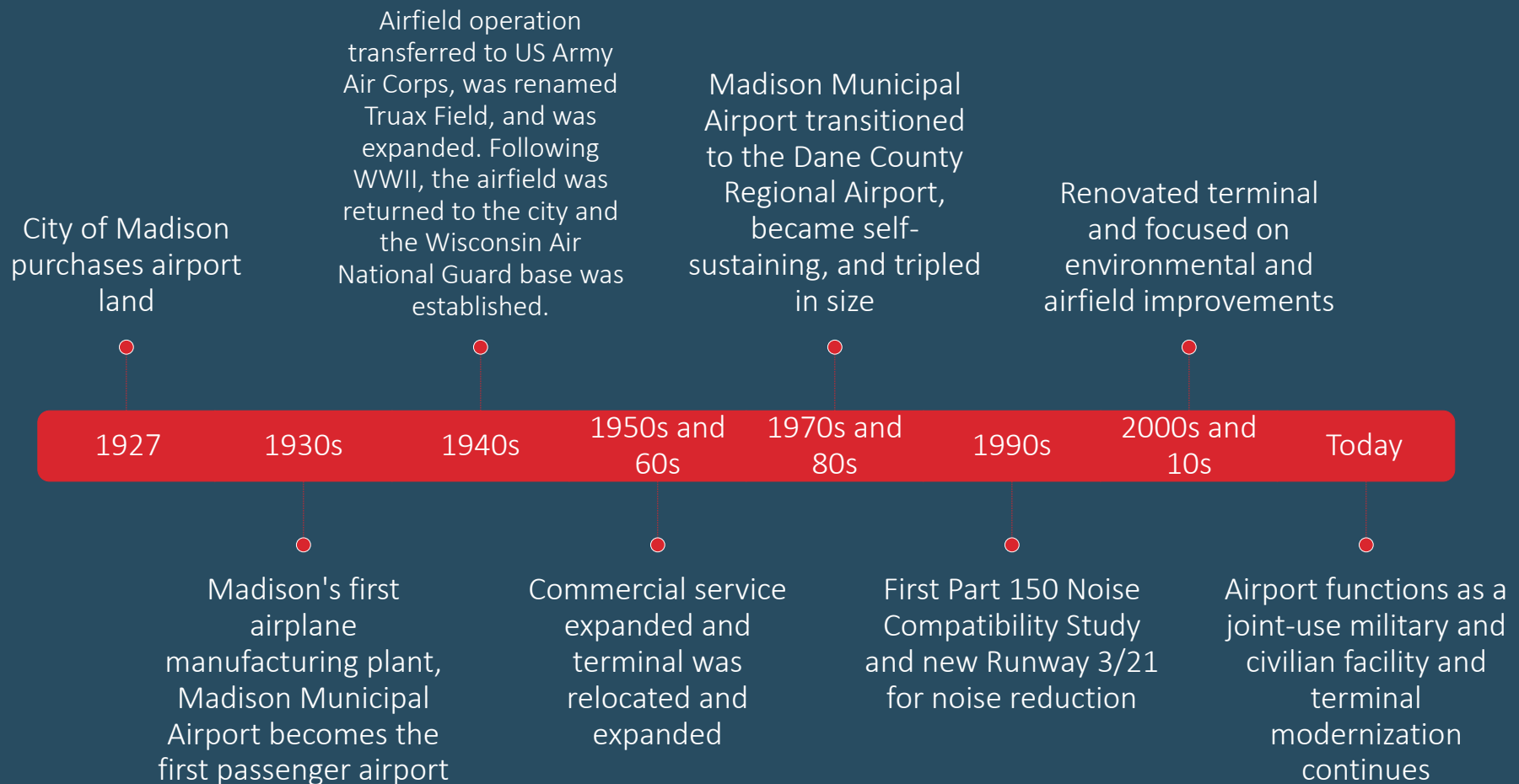
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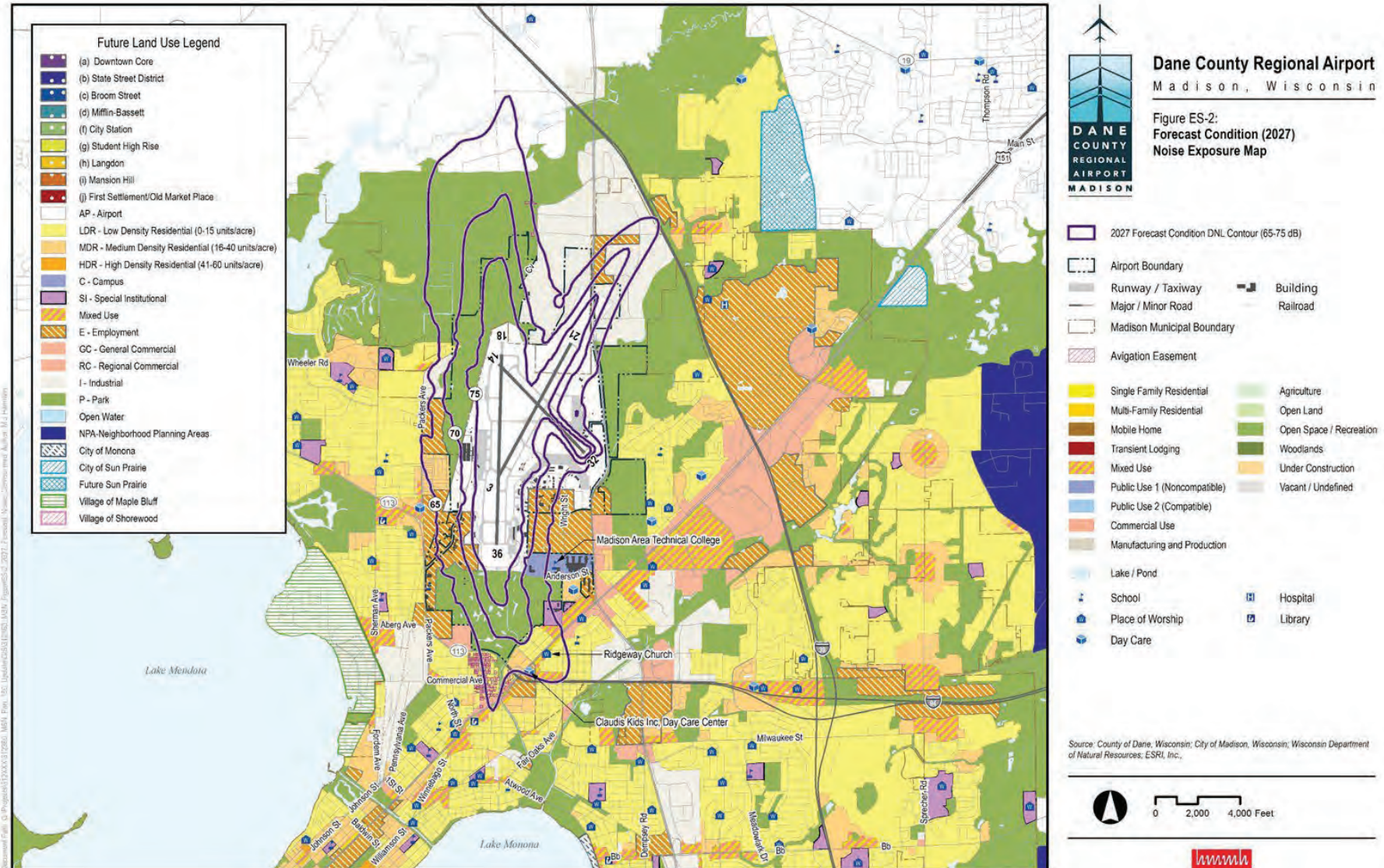
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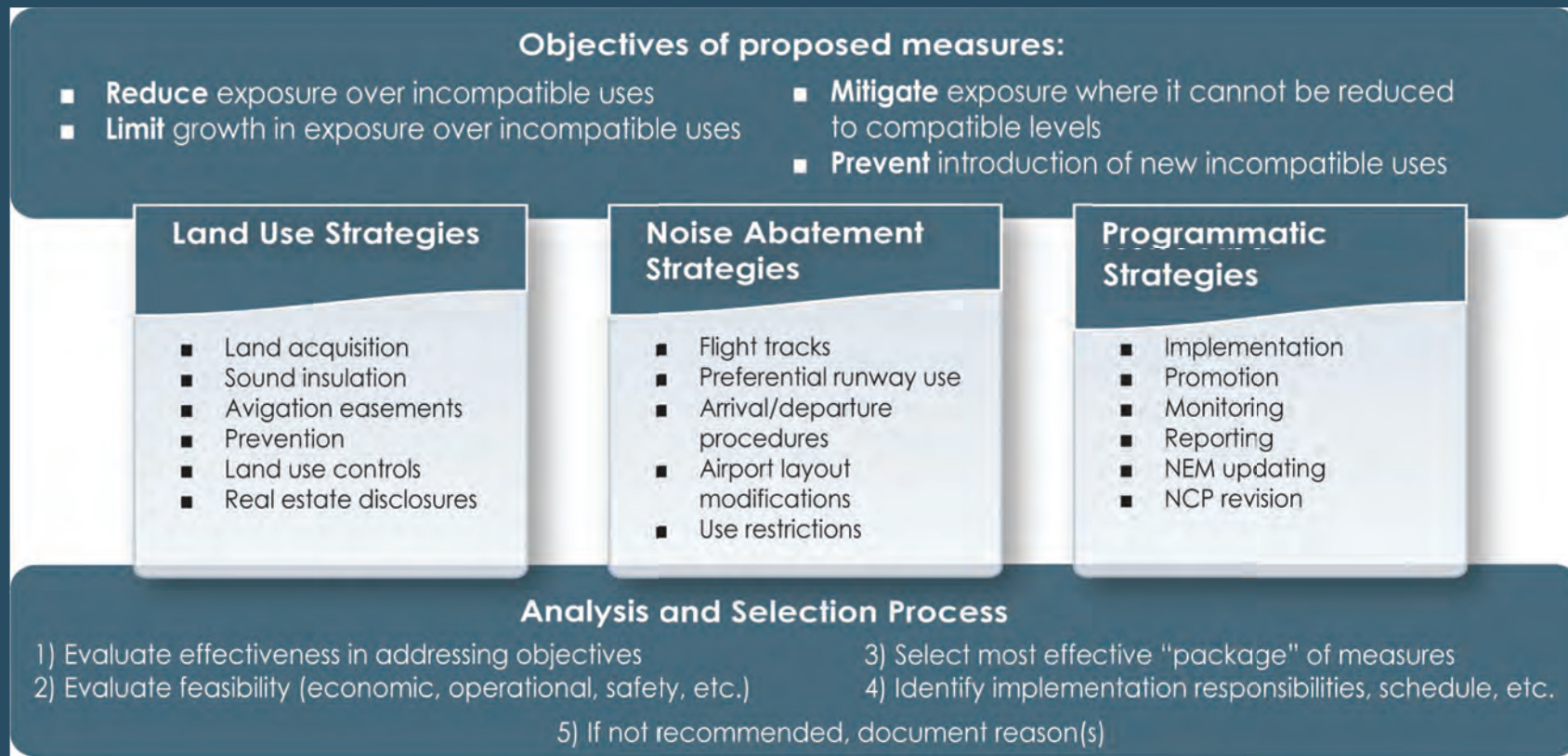


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 - *Comments from the public*

Existing NCP Measures		Status
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NA-3	Establish visual approach and departure corridors for helicopters	Implemented
NA-4	Encourage use of noise abatement departure procedures by operators of jet aircraft	Implemented
NA-5	Encourage Air National Guard to construct a hush house for F-16 engine maintenance runups prior to converting its fleet	Implemented
NA-6	Build new 6,500-foot Runway 3-21	Implemented
NA-7	Adopt runway use system preferring departures on Runways 3, 31, and 36 and arrivals on Runways 13, 18, and 21	Implemented
NA-8	Require east and southbound aircraft exceeding 12,500 pounds and departing on Runway 3 to climb on runway heading through 2,500 feet MSL before turning right	Implemented
NA-9	Require all aircraft exceeding 12,500 pounds and departing Runway 21 to turn left 10 degrees as soon as safe and practicable	Implemented
LU-1	Maintain existing compatible zoning in the airport vicinity	Implemented
LU-2	Define "airport affected area" for purposes of implementing the 1985 Wisconsin Act 136, now known as Wisconsin Statute 66.31	Implemented
LU-3	Adopt airport noise overlay zoning	No Longer Applicable
LU-4	Amend subdivision regulations to require dedication of noise and aviation easements of plat notes on final plat	Implemented
LU-5	Consider amending County subdivision regulations to prevent subdivision of land zoned A-1 Agriculture	No Longer Applicable
LU-6	Amend building codes to provide soundproofing standards for noise-sensitive development in airport noise overlay zones	No Longer Applicable
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LU-8	Follow through with planned land acquisition in Cherokee Marsh and Token Creek Park areas	No Longer Applicable
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PM-1	Program monitoring and noise contour updating	Implemented
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PM-3	Noise complaint response	Implemented



Existing Noise Abatement Measures

	Existing Noise Abatement Measures	Status
NA-1	Continue the existing runway use program	Implemented
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NA-9	Require all aircraft exceeding 12,500 pounds and departing Runway 21 to turn left 10 degrees as soon as safe and practicable	Implemented



Recommended Noise Abatement Measures

Flight Tracks

- **NA-1:** Develop noise abatement flight paths and encourage the use of such flight paths to avoid aircraft overflying educational facilities to the south of the Airport (new measure)
- **NA-2:** Encourage aircraft departing Runway 32 to pass through 2,500 feet Mean Sea Level (MSL) before turning left (existing measure)
- **NA-3:** Encourage eastbound and southbound aircraft exceeding 12,500 pounds departing Runway 3 to climb on runway heading through 2,500 feet Mean Sea Level (MSL) before turning right (existing measure)
- **NA-4:** Encourage all aircraft exceeding 12,500 pounds and departing Runway 21 to turn left 10 degrees as soon as safe and practicable (existing measure)
- **NA-5:** Establish visual approach and departure corridors for helicopters (existing measure)

Preferential Runway Use

- **NA-6:** Modify Preferential Runway Use Program
 - Continue current preferential runway use program
 - Depart Runways 3, 32 and 36 (to the north)
 - Arrive Runways 14, 18 and 21 (from the south)
 - Encourage Air National Guard to continue using Runway 3 for scramble operations (depart to the north)
 - Encourage Air National Guard to request Runway 3 or 36 during south flow operations (depart to the north)

Arrival/Departure Procedures

- **NA-7:** Encourage use of Noise Abatement Departure Procedures
 - NADP-1 (close-in) or NADP-2 (distant) for civilian jet aircraft
 - Tailored NADP for F-35A aircraft
 - Use of Mil power and speed hold of 300 knots

Airport Layout Modifications

- **NA-8:** Examine Potential Runway Reconfiguration
 - Extend Runway 3-21 to 8,000 feet to accommodate all F-35A operations
 - Shift Runway 18-36 to the north

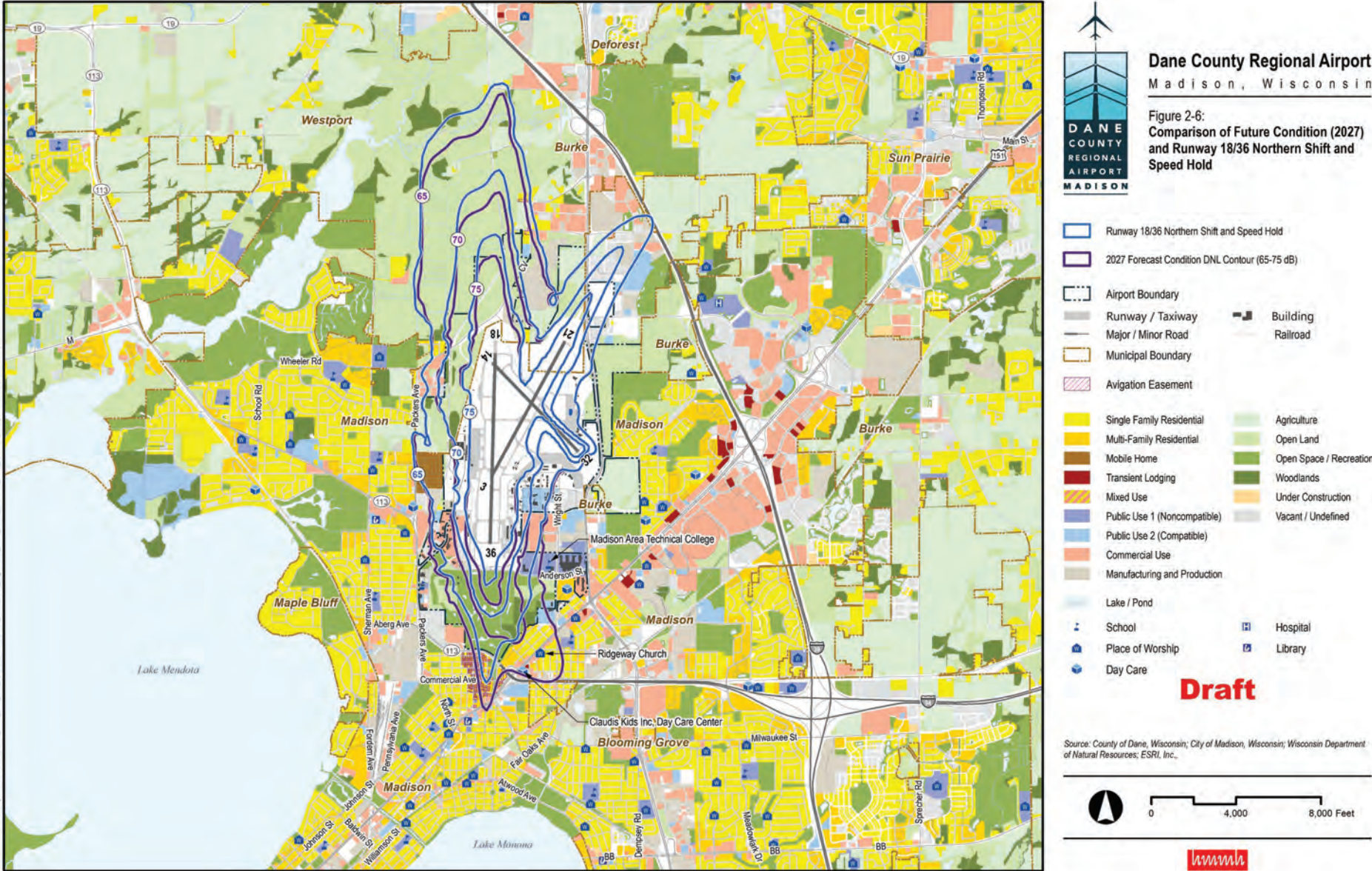
Use Restrictions

- **NA-9:** Encourage the Air National Guard to continue limiting F-35A aircraft operations to the daytime (7 am to 10 pm)

Noise Abatement Strategies

- Flight tracks
- Preferential runway use
- Arrival/departure procedures
- Airport layout modifications
- Use restrictions





Existing Land Use Measures

	Existing Land Use Measures	Status
LU-1	Maintain existing compatible zoning in the airport vicinity	Implemented
LU-2	Define “airport affected area” for purposes of implementing the 1985 Wisconsin Act 136, now known as Wisconsin Statute 66.31	Implemented
LU-3	Adopt airport noise overlay zoning	No Longer Applicable
LU-4	Amend subdivision regulations to require dedication of noise and aviation easements of plat notes on final plat	Implemented
LU-5	Consider amending County subdivision regulations to prevent subdivision of land zoned A-1 Agriculture	No Longer Applicable
LU-6	Amend building codes to provide soundproofing standards for noise-sensitive development in airport noise overlay zones	No Longer Applicable
LU-7	Amend local land use plans to reflect noise compatibility plan recommendations and establish airport compatibility criteria for project review	Implemented
LU-8	Follow through with planned land acquisition in Cherokee Marsh and Token Creek Park areas	No Longer Applicable
LU-9	Consider expanding land acquisition boundaries in Cherokee Marsh and Token Creek areas	No Longer Applicable
LU-10	Establish sales assistance or purchase assurance program for homes impacted by noise above 70 Ldn	Implemented
LU-11	Install sound insulation for schools impacted by noise above 65 Ldn	No Longer Applicable



Recommended Land Use Measures

Land Acquisition

- **LU-2:** Continue voluntary land acquisition inside the 70 dB DNL
- **LU-3:** Continue planned voluntary land acquisition of the Cherokee Marsh and Token Creek Park

Land Use Strategies

- Land acquisition
- Sound insulation
- Avigation easements
- Prevention
- Land use controls
- Real estate disclosures

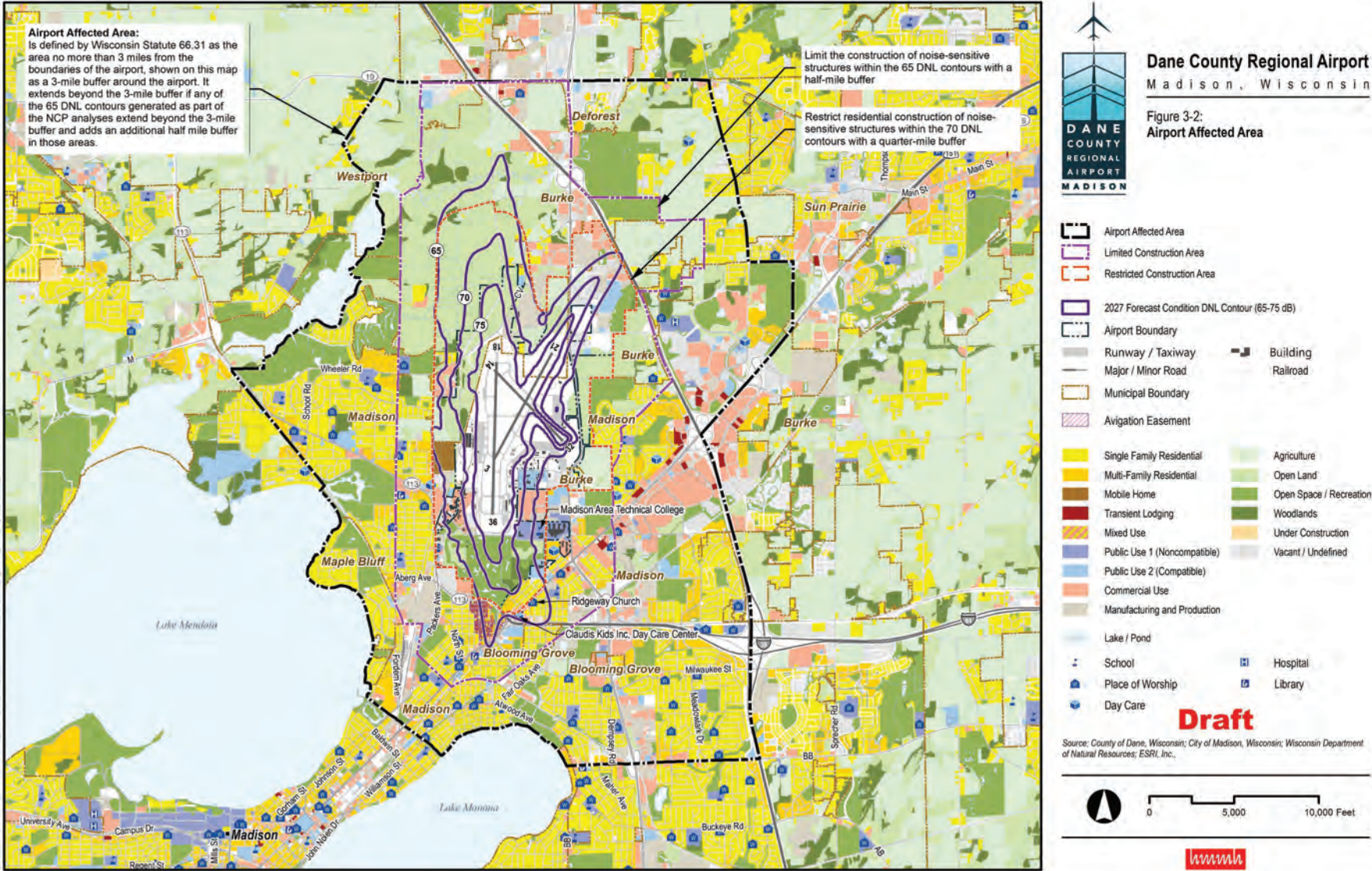
Sound Insulation, Avigation Easements, Prevention, and Land Use Controls

- **LU-1:** Maintain existing compatible land uses in the airport vicinity
 - Redefine “airport affected area” for purposes of implementing Wisconsin Statute 66.31
 - Amend subdivision regulations to require dedication of noise and avigation easements of plat notes on final plat
 - Encourage municipalities to recommend inclusion of sound attenuation standards for noise-sensitive development in new building designs for construction within the airport noise overlay area
 - Amend local land use plans to reflect noise compatibility plan recommendations and establish airport compatibility criteria for project review
 - Ensure future low-income and other residential developments are not built within the 65 DNL contour or adjacent to the Airport
 - Meet with surrounding neighborhoods on an annual basis to communicate and educate about future airport plans

Real Estate Disclosures

- Not applicable in Wisconsin





Existing Program Management Measures

	Existing Program Management Measures	Status
PM-1	Program monitoring and noise contour updating	Implemented
PM-2	Evaluation and update of the plan	Implemented
PM-3	Noise complaint response	Implemented



Recommended Program Management Measures

Programmatic Strategies

- Implementation
- Promotion
- Monitoring
- Reporting
- NEM updating
- NCP revision

Implementation, Promotion, Monitoring and Reporting

- *PM-1:* Re-establish and maintain a noise advisory committee
- *PM-2:* Continue and improve noise complaint response program

NEM Updating

- *PM-3:* Regularly update the Noise Exposure Map

NCP Revision

- *PM-4:* Periodically evaluate and update the Noise Compatibility Program when necessary



Schedule

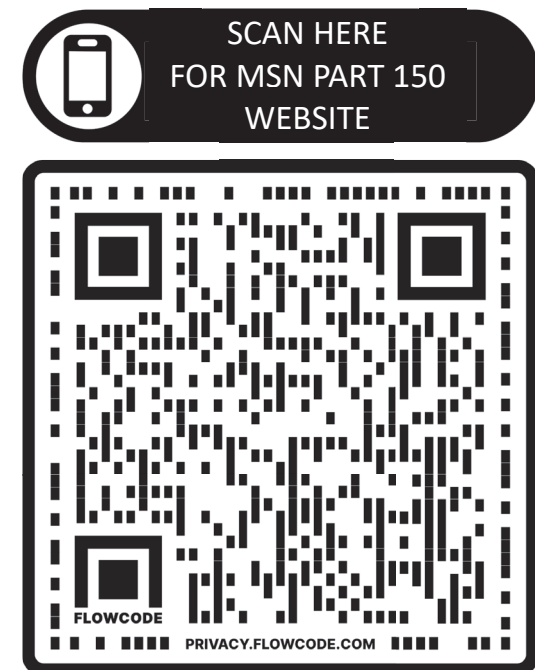
Meeting / Activity	Anticipated Purpose	Time Frame
Kick-Off Meeting with MSN and the Part 150 Team	Define organizational and procedural matters and public outreach, review and refine scope and schedule details.	<i>Completed:</i> January 2022
1 st Public Open House	Introduction to Part 150, set expectations, discuss stakeholder roles, identify issues of concern	<i>Completed:</i> April 2022
NEM Public Comment Period, 2 nd Public Open House	NEM thirty-day public comment period and second Public Open House	<i>Completed:</i> November 2022
MSN to Submit Final NEM to FAA	MSN submits final updated NEM to FAA for review and approval. Respond to FAA questions as needed.	<i>Completed:</i> December 2022
3 rd Public Open House	Solicit public input on potential NCP measures for MSN consideration.	<i>Completed:</i> June 2023
NCP Public Comment Period	NCP thirty-day public comment period	February 12 – March 13, 2024
4 th Public Open House and NCP Hearing	Public comments will be accepted orally and in writing at the public open house/hearing.	February 20, 2024
MSN to Submit Final NCP to FAA	MSN submits final updated NCP to FAA for review and approval. Respond to FAA questions as needed.	2 nd Quarter 2024

Note: Schedule is subject to change



MSN Part 150 Study Website and Project Contacts

- Website:
<https://www.msnaairport.com/about/ecomentality/Part-150-Study>
- Project email address:
part150study@msnaairport.com
- Tim Middleton – HMMH Project Manager, Contact:
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- Michael Riechers – MSN Director of Marketing and Communications, Contact:
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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House/Hearing Sign-in Sheet

February 20, 2024


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15	Cynthia Rose	rosepete@gmail.com	53704	
16	Brooke Belman	becherb@gmail.com	53704	608-574-5405
17	Marsha Cannon	mpcannon76@gmail.com	53704	608.251.1276
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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House/Hearing Sign-in Sheet

February 20, 2024

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1	Mark Hochstetler	mchoch@Att.net	53714	608-235-5457
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6	Adrienne Sella	Adrienne@SellaRealty.com	53704	608-886-7139
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11	Leah Moore	leahmoore33@gmail.com	53716	608-242-3000
12	Bridget Esser	bridget.esser@ wisconsin.gov	53527	608-400-9077

Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House/Hearing Sign-in Sheet

February 20, 2024

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5	Rick GILPATRICK	rgilpat22@att.net	53704	
6	Jan Axelson	JAN AXELSON. GMAIL.COM	53704	
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8	Frank Curcin		53704	
9	John Berkei		53704	
10	Julie Schwarz	julieredlet@gmail.com	53704	
11	Patricia Rourke	paddyrouke@gmail.com	53704	
12	Alyssa Barry	alyssa.barry@yahoo.com	53704	

Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House/Hearing Sign-in Sheet

February 20, 2024

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14	Dan Kaurson		53704	608-249-9934
15	Stephanie Daye	spunkyangelst@yahoo.com	53704	608-279-1717
16	Melissa Gundlach		53714	608-333-9465
17	D. M. A. H. P.	dmculiffe@tropicana.com	53704	261-9676
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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House 5
Amended 2025 Noise Compatibility Program

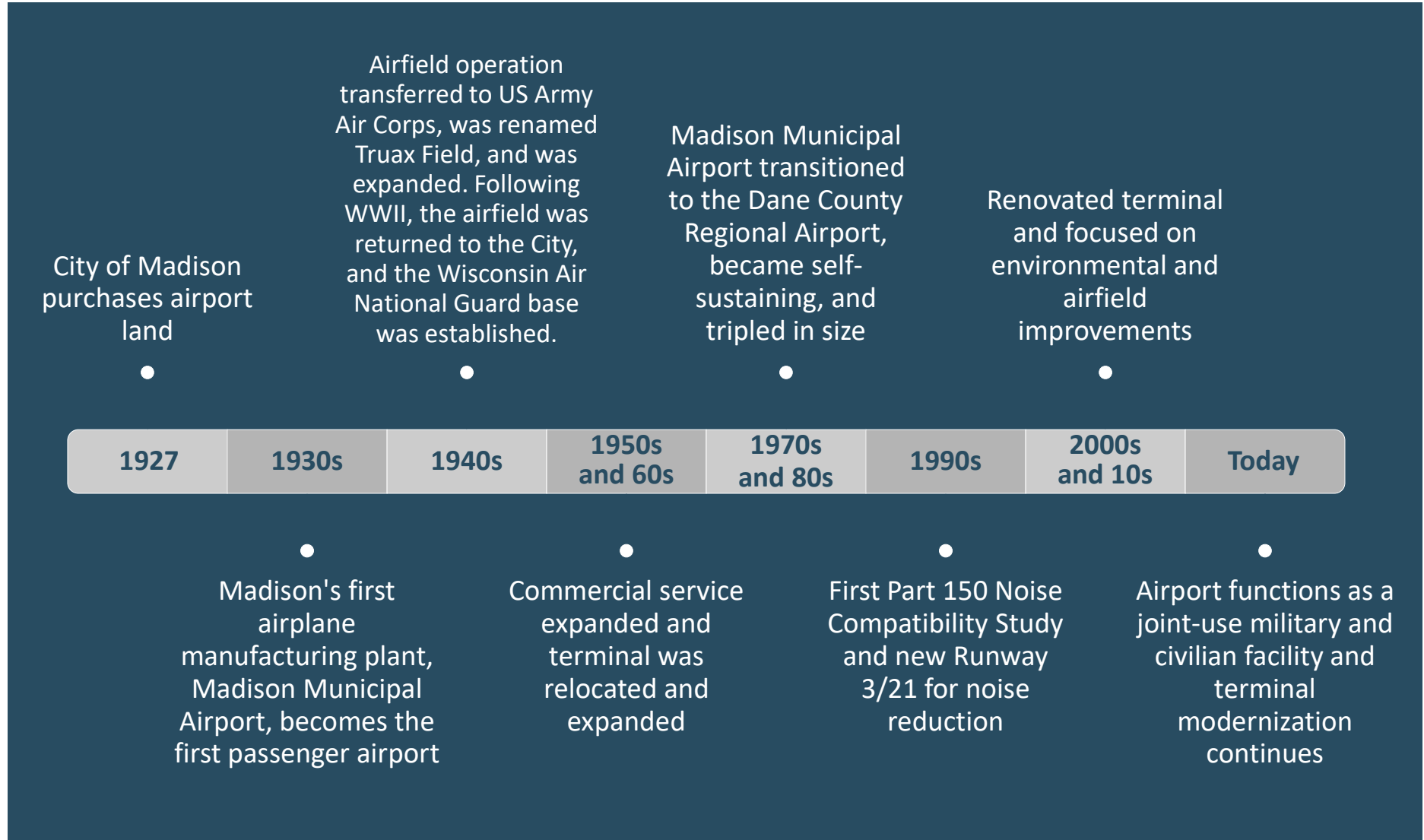


Airport Facility Overview

- The airport covers 3,500 acres and serves over 2.2 million commercial passengers each year.
- Airside facilities: three runways, a taxiway system, and four ramp areas that support general aviation, air carrier, military, and air cargo services.
- Landside facilities: two-story terminal building, airport traffic control tower (ATCT), a fixed-base operator, air cargo support buildings, and Wisconsin Air National Guard and Wisconsin Army National Guard facilities.
- MSN has a road network around the airfield with surface parking lots and a multistory parking structure.



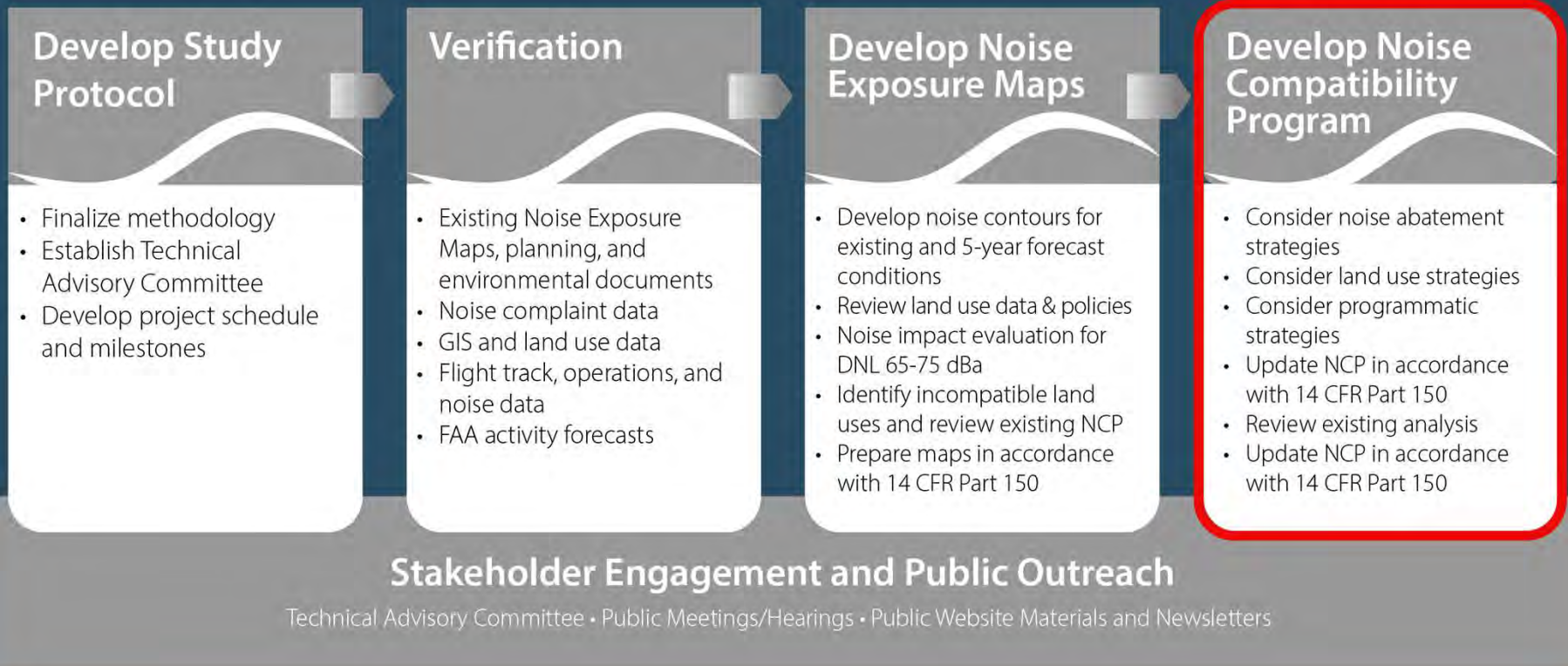
Airport History



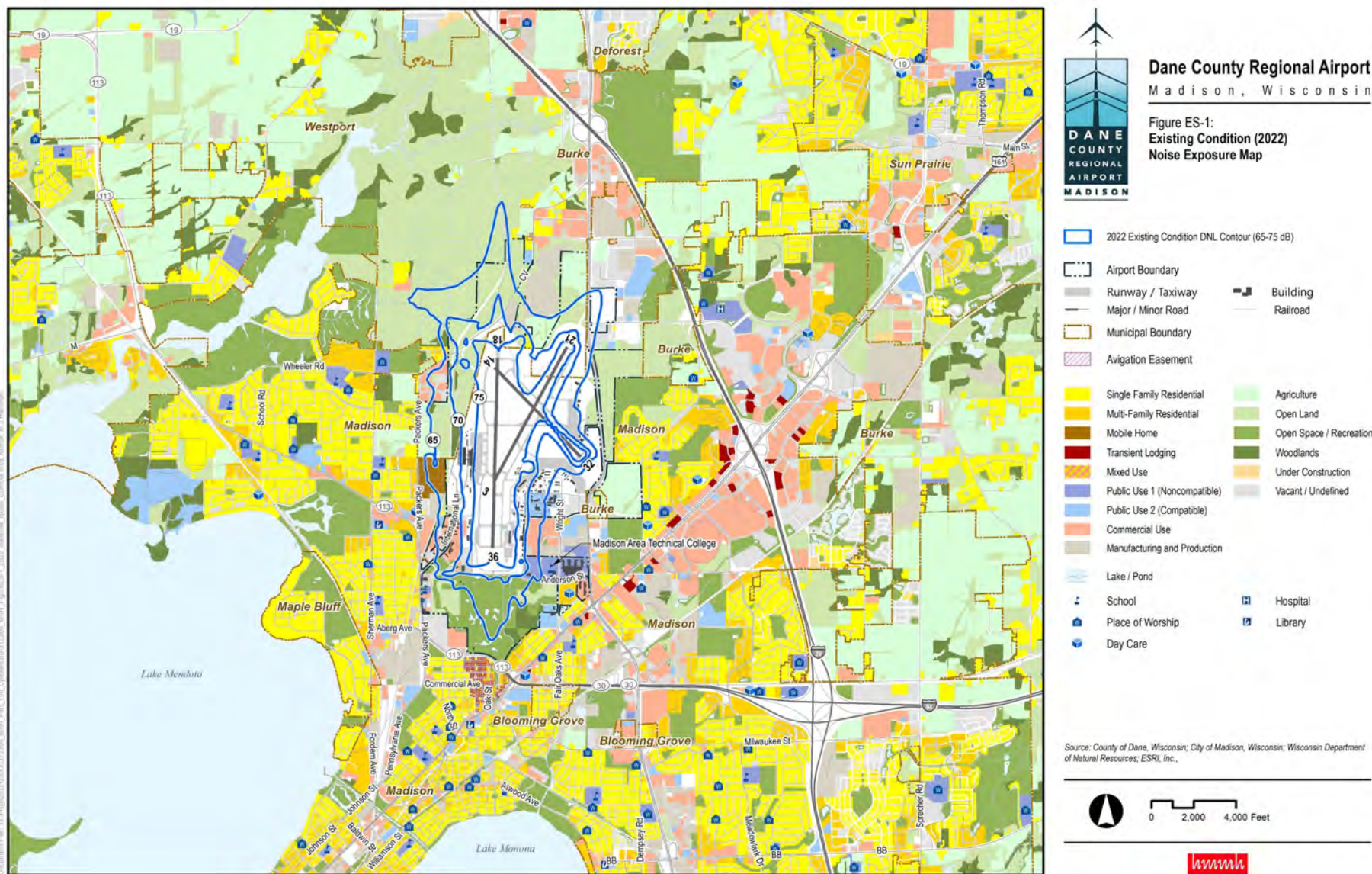
Source: https://www.msnaairport.com/about/facilities_maps/history



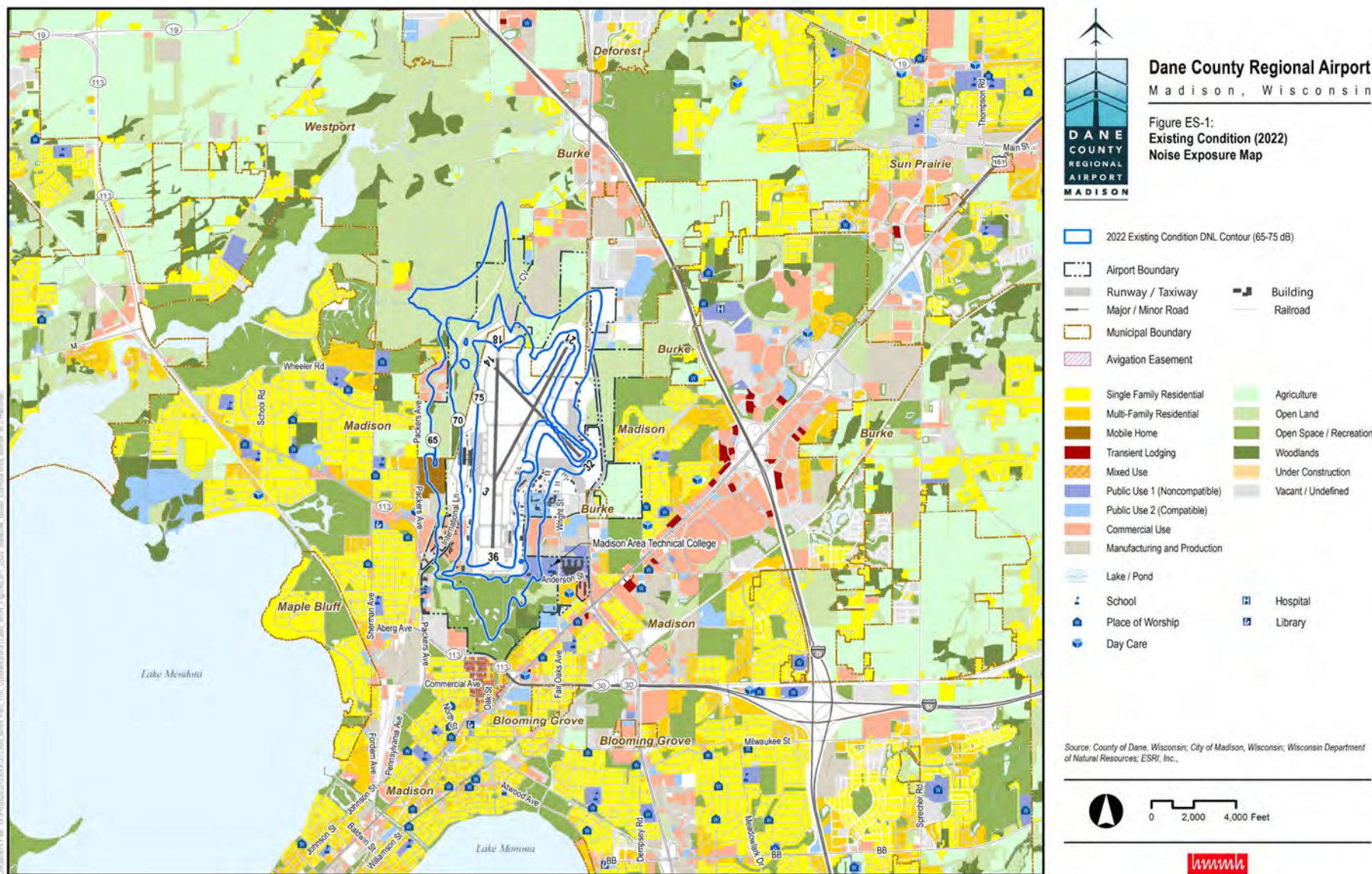
Part 150 Overview: Study Process



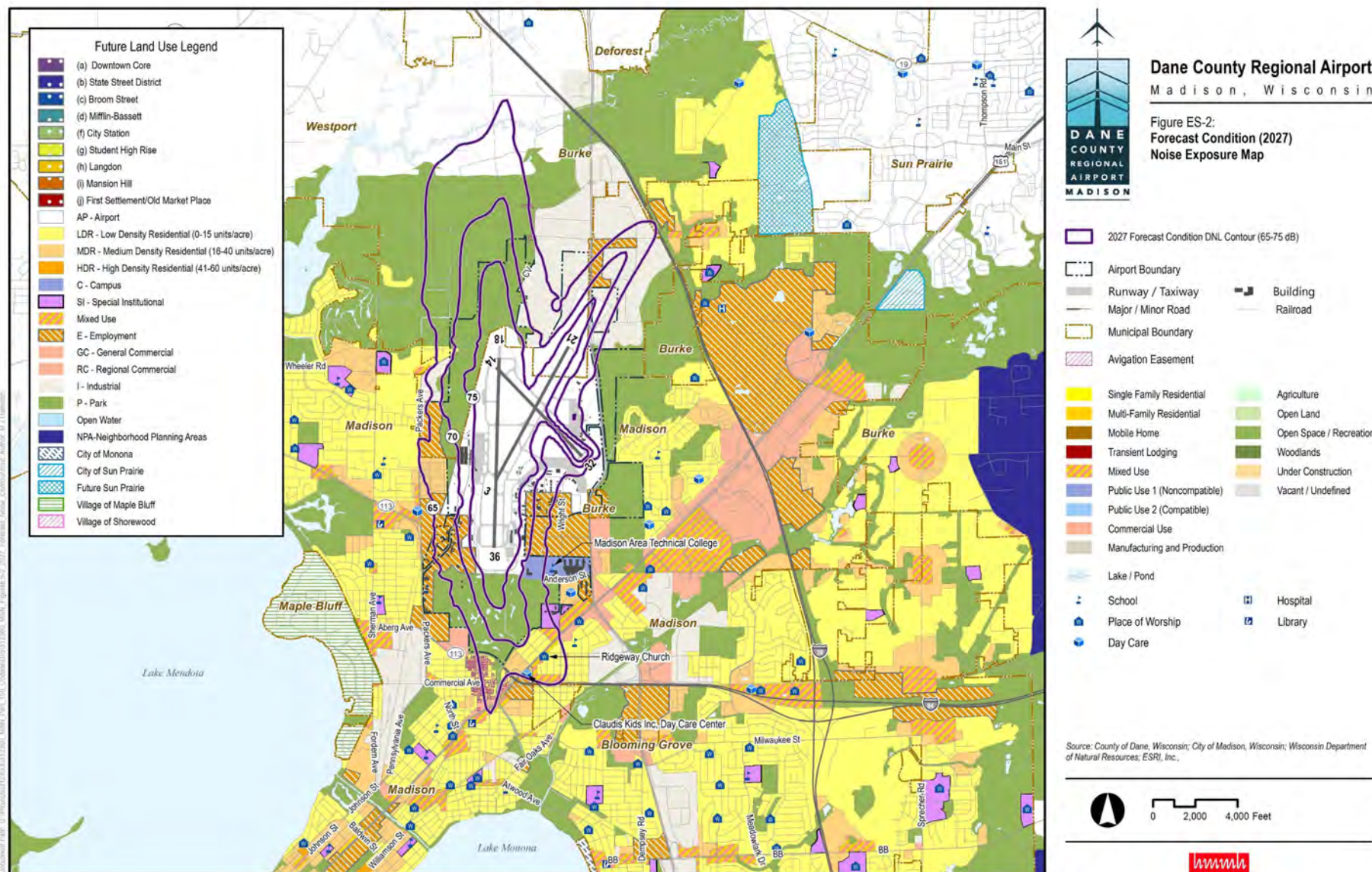
FAA-Accepted 2022 Noise Exposure Map



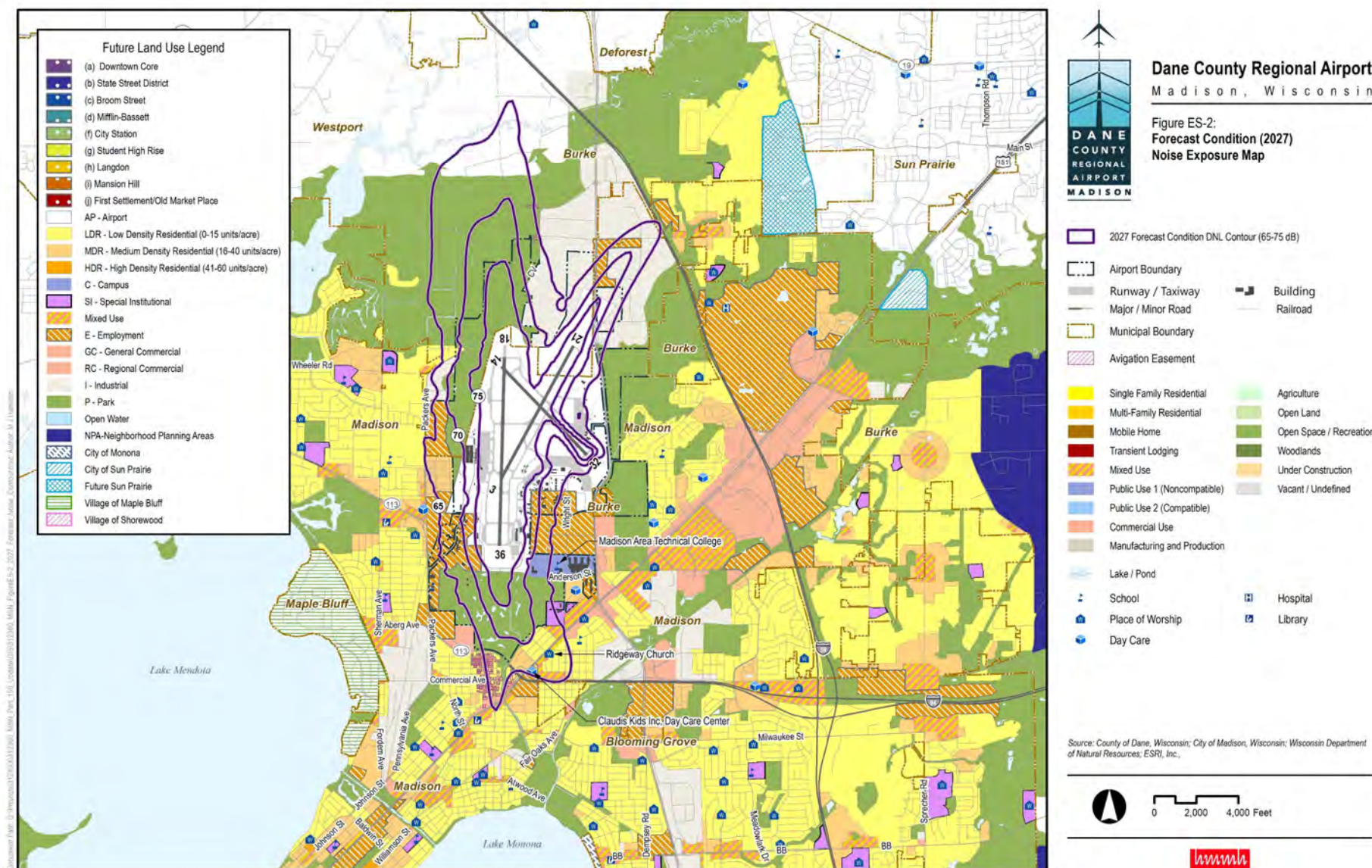
FAA-Accepted 2022 Noise Exposure Map



FAA-Accepted 2027 Noise Exposure Map



FAA-Accepted 2027 Noise Exposure Map



Land Use Assessment for 2027 Forecast Conditions

The 2027 Forecast Conditions identified four noise-sensitive sites within the 65 DNL contour:

1. **School:** Madison College at 1701 Wright St, Madison, WI
2. **Place of Worship:** Ridgeway Church at 3245 E Washington Ave, Madison, WI
3. **Day Care:** Claudi's Kids Inc-Day Care Center at 3131 E Washington Ave, Madison, WI
4. **Transient Lodging:** Spence Motel at 3575 E Washington Ave, Madison, WI

Forecast 2027 Combined 65 – 75

	Population Census 2020	Housing Units	Area (Acres)
65-70 DNL	2,424	1,227	1,823.31
70-75 DNL	57	23	935.53
>75 DNL	0	0	971.30
Total	2,481	1,250	3,730.14



Noise Compatibility Program Overview

Objectives of proposed measures:

- **Reduce** exposure over incompatible uses
- **Mitigate** exposure where it cannot be reduced to compatible levels
- **Limit** growth in exposure over incompatible uses
- **Prevent** introduction of new incompatible uses

Land Use Strategies

- Land acquisition
- Sound insulation
- Avigation easements
- Prevention
- Land use controls
- Real estate disclosures

Noise Abatement Strategies

- Flight tracks
- Preferential runway use
- Arrival/departure procedures
- Airport layout modifications
- Use restrictions

Programmatic Strategies

- Implementation
- Promotion
- Monitoring
- Reporting
- NEM updating
- NCP revision

Analysis and Selection Process

- 1) Evaluate effectiveness in addressing objectives
- 2) Evaluate feasibility (economic, operational, safety, etc.)
- 3) Select most effective "package" of measures
- 4) Identify implementation responsibilities, schedule, etc.
- 5) If not recommended, document reason(s)

2025 Noise Compatibility Program Amendment Goals

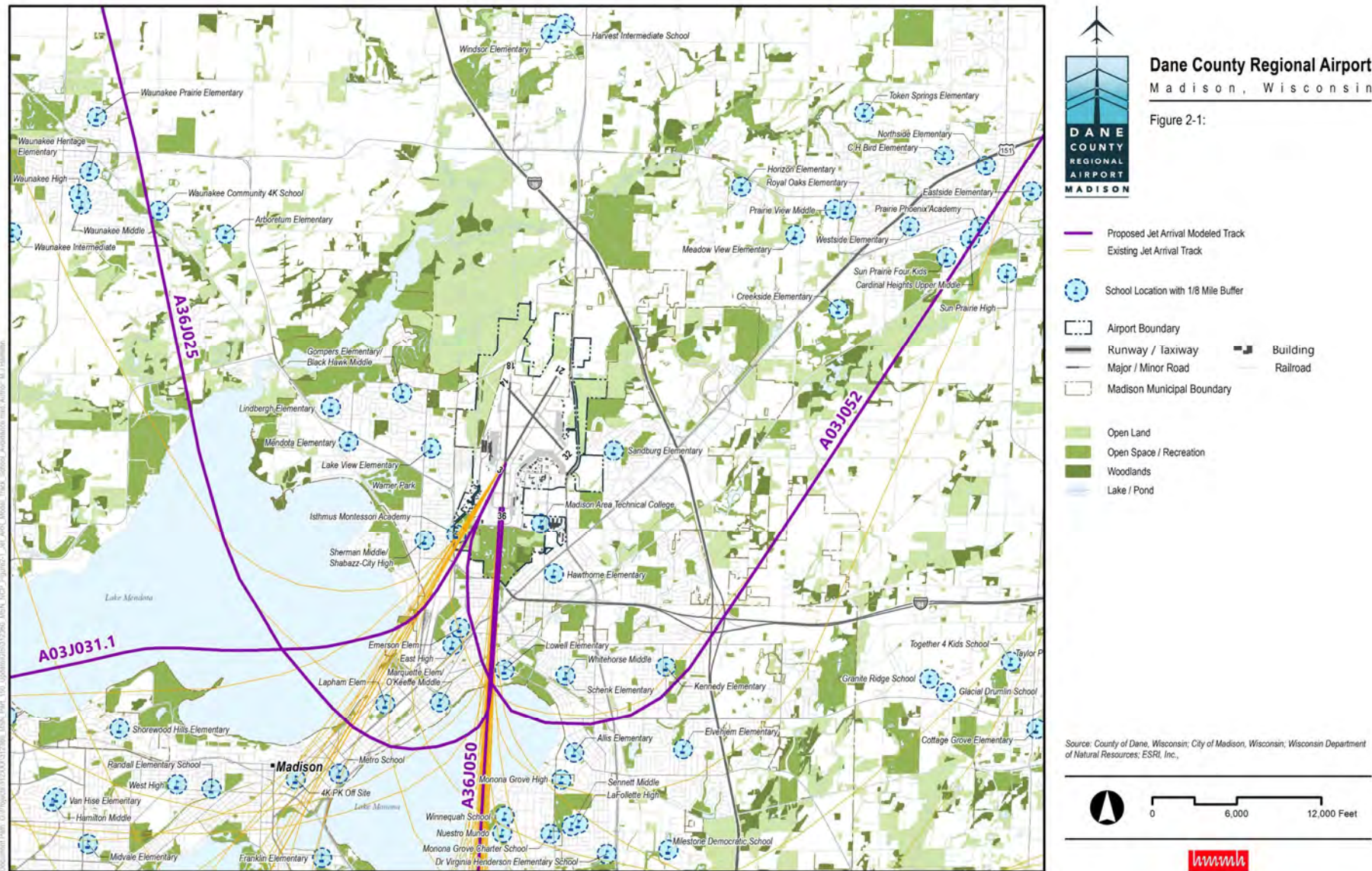
- Reduce existing and future incompatible land uses identified in the 2027 Noise Exposure Map
- Obtain stakeholder consensus on Noise Compatibility Program measures and implementation processes
- Position the Airport for future funding opportunities for Noise Compatibility Program measures that benefit local communities

Airport-Recommended Noise Abatement Measures

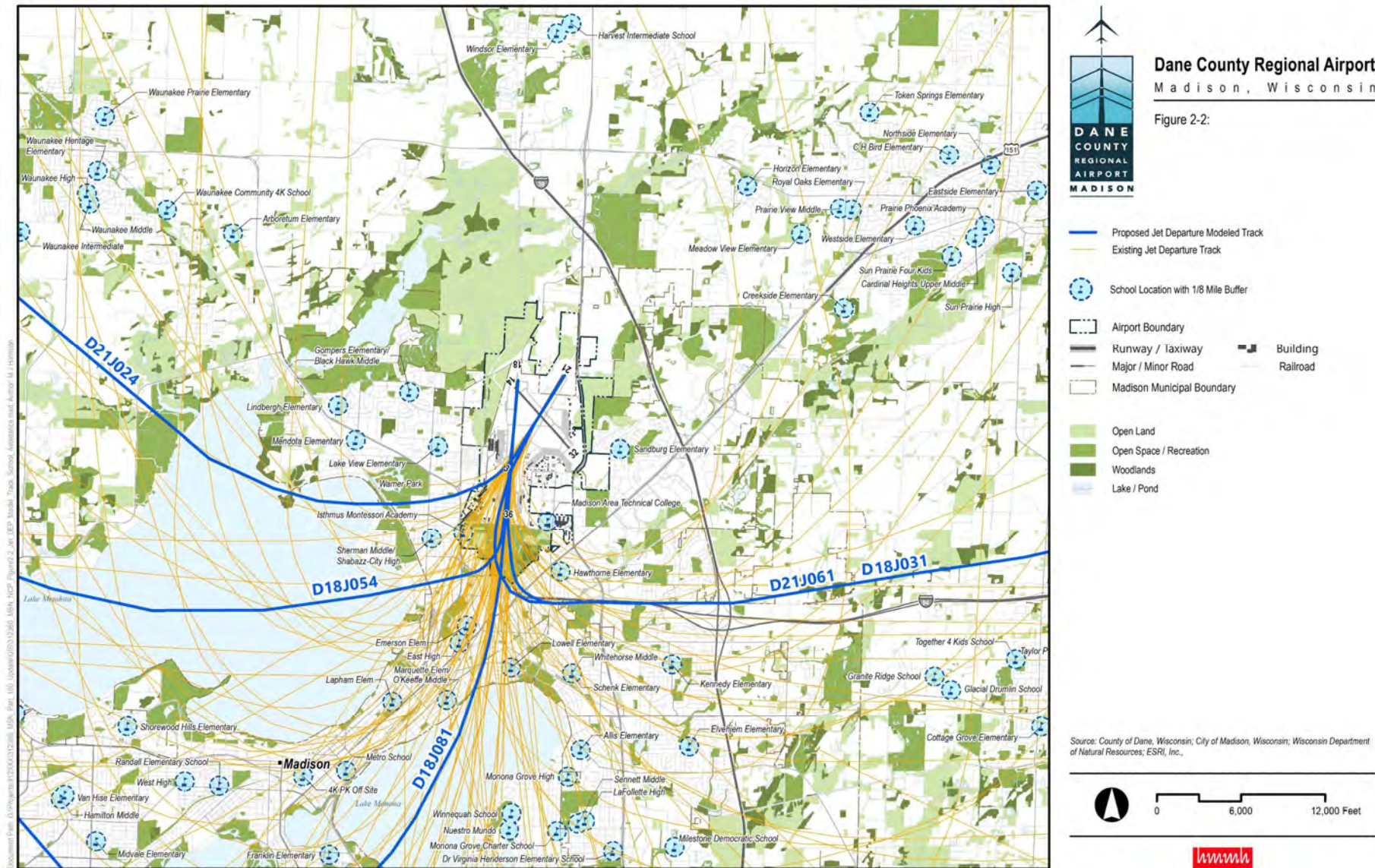
Recommended Noise Abatement Measure		Implementation Status/Expectation
NA-1	Develop and encourage use of noise abatement flight paths to avoid overflying schools	Medium-Term – Takes 3-5 years for FAA to develop and implement new flight procedures
NA-2	All aircraft maintain runway heading departing Runway 32 until 2,500 feet MSL in altitude	Implemented
NA-3	Aircraft exceeding 12,500 lbs maintain runway heading departing Runway 3 until 2,500 feet MSL in altitude before turning right	Implemented
NA-4	Aircraft exceeding 12,500 lbs turn left 10 degrees as soon as practical after departing Runway 21	Implemented
NA-5	Encourage helicopter pilots to use established visual approach and departure corridors	Implemented
NA-6	Modify the existing preferential runway use program to encourage aircraft arriving from and departing to the north, including F-35A scrambles	Implemented by WIANG
NA-7	Encourage jet aircraft operators to use Noise Abatement Departure Profiles (NADP)	Implemented by WIANG – may need reinforcement of recommended policy with airlines
NA-8	Reconfigure runways – lengthen Runway 3/21 for F-35A aircraft & shift Runway 18/36 north	Long-Term – Requires evaluation in master plan process (2-3 years) and construction (5-10 years)
NA-9	Encourage WIANG to limit non-emergency F-35A operations to daytime (7 am to 10 pm)	Implemented



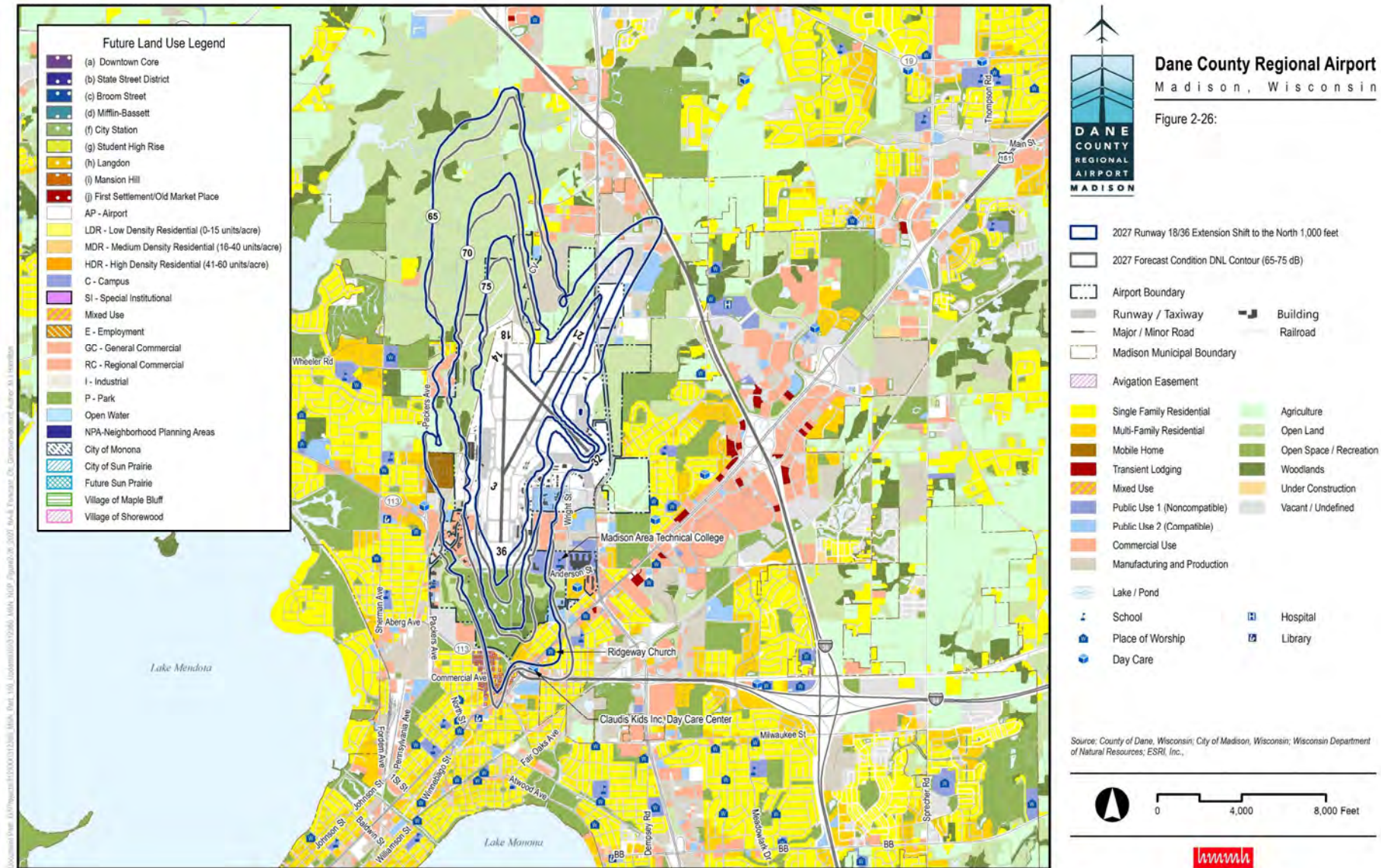
NA-1 Recommended Arrival Flight Paths



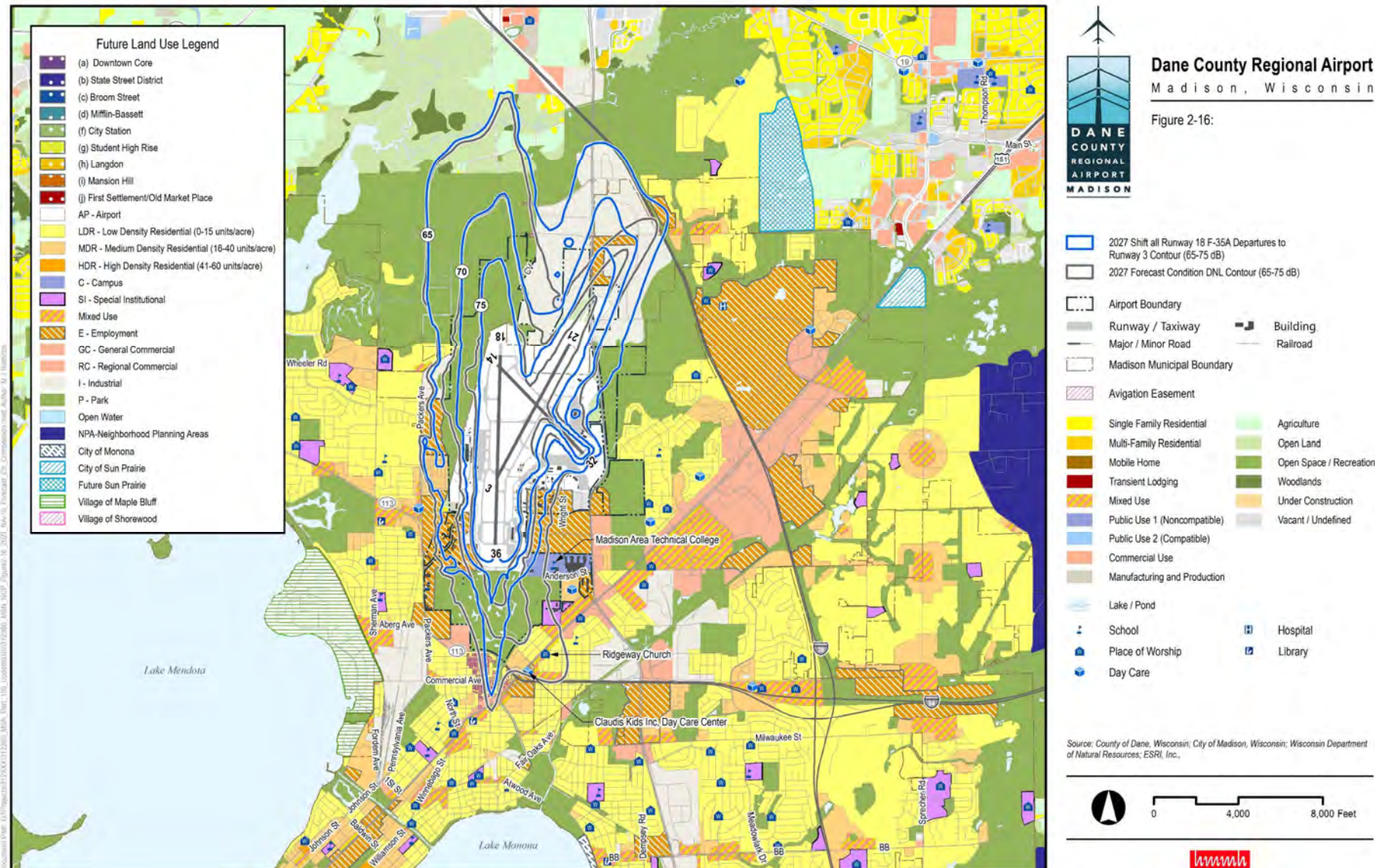
NA-1 Recommended Departure Flight Paths



NA-8 Recommend Shifting Runway 18/36 North



NA-8 Recommend Lengthening Runway 3/21

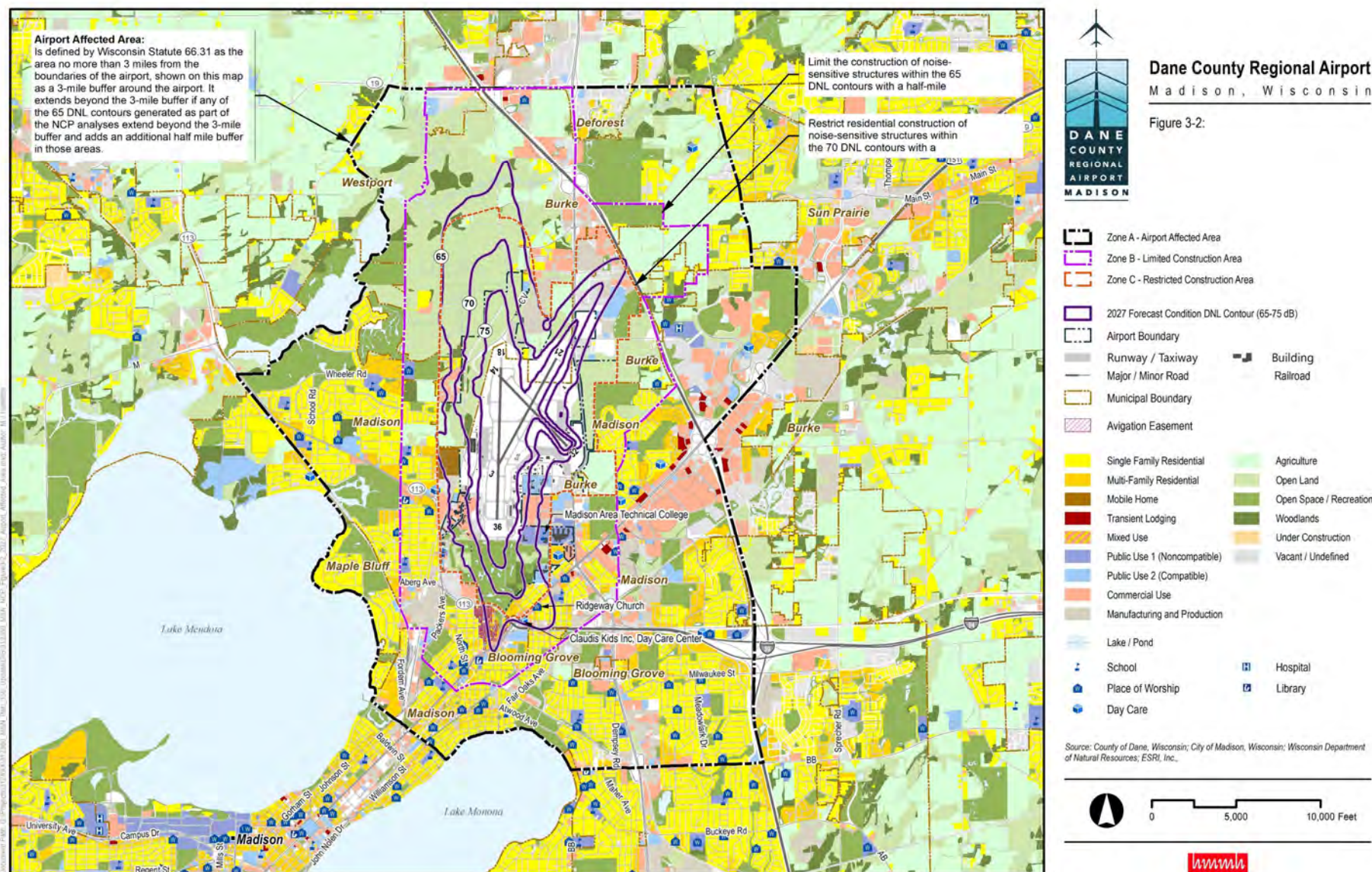


Airport-Recommended Land Use Measures

Recommended Land Use Measure	Implementation Status/Expectation
LU-1 Maintain existing compatible land uses in the airport vicinity through the following elements: <ul style="list-style-type: none"> - Redefine “Airport Affected Area” with three distinct zones: Zone A - Airport Affected Area, Zone B - Limited Construction Area, Zone C - Restricted Construction Area - Encourage sound attenuation standards - Amend local land use plans - Discourage future residential development in 65 DNL contour - Meet annually with airport neighbors 	Mostly implemented – Responsibility of local land use jurisdictions
LU-2 Continue voluntary land acquisition of residential property inside the 70 DNL contour	Implemented – Awaiting properties to become available
LU-3 Acquire Cherokee Marsh and Token Creek Park areas if the properties become available	Awaiting properties to become available
LU-4 Acquire the Oak Park Terrace mobile-home community if and when the property owner becomes interested in selling (2025 Airport-recommended measure)	Acquire only if the property becomes available
LU-5 Implement a sound insulation program to provide treatment to noise-sensitive structures within the 65 – 70 DNL contour (2025 Airport-recommended measure)	Short-Term – Implement when federal funding becomes available



Airport Affected Area



Airport-Recommended Programmatic Measures

Recommended Programmatic Measure		Implementation Status/Expectation
PM-1	Re-establish and maintain a noise advisory committee	Implemented through the Airport Commission Noise Abatement Subcommittee
PM-2	Continue and improve noise complaint program	Partially implemented – Need to determine how best to improve the program
PM-3	Regular updates of the Noise Exposure Map	Medium to Long-Term – Regular updates required to continue federal funding for sound insulation
PM-4	Periodic evaluation and update of the Noise Compatibility Program	Long to Long-Term – Update when the NCP measures no longer adequately address noncompatible land



Schedule

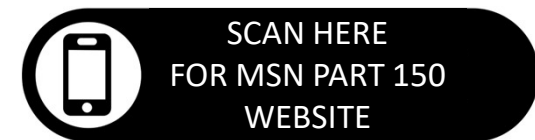
Meeting / Activity	Anticipated Purpose	Timeframe
Amended 2025 Draft NCP Public Comment Period	30-day public review of the Airport-amended NCP	October 24 – November 24, 2025
Public Open Houses	Discuss amended 2025 Draft NCP with the public and solicit public input on amended NCP measures.	November 6, 2025; 6:30 – 8:30 pm November 7, 2025; 10:00 am – 12:00 pm November 8, 2025; 9:30 – 11:30 am
Public Hearing	Obtain public comments at the public hearing. Comments will be accepted orally and in writing.	November 18, 2025; 5:30 pm
MSN to Submit Final NCP to FAA	MSN submits final amended NCP to FAA for review and approval.	Late November 2025
Obtain FAA approval of NCP	Receive final approval of NCP and potential eligibility for grant funding.	Mid-year 2026

Note: Schedule is subject to change.



MSN Part 150 Study Website and Project Contacts

- Project Website:
<https://www.msnairport.com/about/noise-abatement/part-150-study>
- Project email address:
part150study@msnairport.com
- Julia Nagy, HMMH Project Manager:
jnagy@hmmh.com
- Michael Riechers, MSN Director of Marketing and Communications:
Riechers.Michael@msnairport.com



Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House Sign-in Sheet

November 6, 2025

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1	Cathy Cature	McSec@ad.com	53714	608/445-8668
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4	Adrian Przedziecki	adrian.przedziecki@gmail.com	53704	872-401-7021
5	Chandler Denhart	chandler.denhart@mail.house.gov	53703	
6	Teresa A. Mueller	—	53704	608-242-1450
7	Jon Drabsch	—	53704	608-515-7167
8	McKenna Hill	—	53545	—
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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House Sign-in Sheet

November 6, 2025

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28	Aaron Greenblatt	green34@gmail.com	53704	
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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House Sign-in Sheet

November 6, 2025

#	Name	Email Address	Zip Code	Phone Number
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53	Linda Hall	lhall34@gmail	53704	
54			53704	
55			53704	
56			53732	
57			53734	
58			53704	
59			53704	
60			53704	
61			53704	

Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House Sign-in Sheet

November 7, 2025

#	Name	Email Address	Zip Code	Phone Number
1	Derek McRoberts	dkmroberts@gmail.com	53704	608 438 6445
2	Josephine Pradella	josiopradella@gmail.com	53704	608 244 1746
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4	Mary Johnston	me.johnston@sbcglobal.net	53704	608-244-1746
5	Barbara Hensen	barbhensen@gmail.com	53704	N/A
6	Cynthia Rose	rosepete@gmail.com	53704	
7	M. Ke Baethar	mraethar@gmail.com	53532	608-206-9990
8	Larry Stephens	lstephe@chorus.net	53704	
9	Catherine Stephens	cstephenshome@gmail.com	53704	
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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House Sign-in Sheet

November 7, 2025

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28	Jamie Hawkins	2833 Dahle St	53704	805-215- 8738
29	Matt Messina	mrmissin@mta. edu	53704	202-758- 0836
30	Dave + Cindy Krivaneh	6093 Danville Rd	53532	608-513- 9283
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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House Sign-in Sheet

November 8, 2025

#	Name	Email Address	Zip Code	Phone Number
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3	Chris Schatz	cschatz@duck.com	53704	
4	Kerry Chudoin	36adgers01@gmail.com	53704	608-807-6056
5	Julia Peak	juliept8@gmail.com	53704	—
6	Chris Willman	chriswillman@gmail.com	53704	—
7	Jen Gaber	jlgaber@gmail.com	53704	—
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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House Sign-in Sheet

November 8, 2025

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14	Phyllis Micke	micketwo@att.net	53704	608-249-3465
15	Marty Micke	"	"	"
16	Keisha Ludwig	Keishanjeri72@hotmail.com	53714	312-731-6722
17	Matthew Moberg	mobergm2@gmail.com	53704	
18	Michael Sanford - No-		53714-1113	608/977-1699
19	B. Harwell	b.harwell@zoho.com	53704	205-276-7799
20	Laura Lambert	lullenlambert@gmail.com	53714	608 957 3822
21	Jason Frankhouser	jason.474603@gmail.com	53704	608-285-5111
22	Jeff Malter	N4299X Ray C@hotmail.com	53704	414-702-9585
23	Chris Meyer	team@Sector67.org	53704	608-241-4605
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Noise Compatibility Planning Study

Dane County Regional Airport

Public Open House Sign-in Sheet

November 8, 2025

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27	Barb & Bob King	—	53714	608-212 4481
28	Sarah Bradley	sarah_5444@yahoo.com	53704	
29	Kristin Bartel	Kristin-bartel@yahoo.com	53704	
30	Monica Wahlberg	melwimagin@yahoo.com	53704	
31	Angela Wehster		53704	
32	Dan Gartner		53704	
33	J Lee Roberts	jlmadison2015@gmail.com	53704	—
34	Dennis Reno	dennis.reno@att.net	53704	
35	Erin Johnson	e_jmadwis@att.net	53704	
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AIRPORT COMMISSION NOISE ABATEMENT SUBCOMMITTEE MEETING & PUBLIC HEARING

Dane County Regional Airport
Amended 2025 Noise Compatibility Program
November 18, 2025



2025 Noise Compatibility Program Amendment Goals

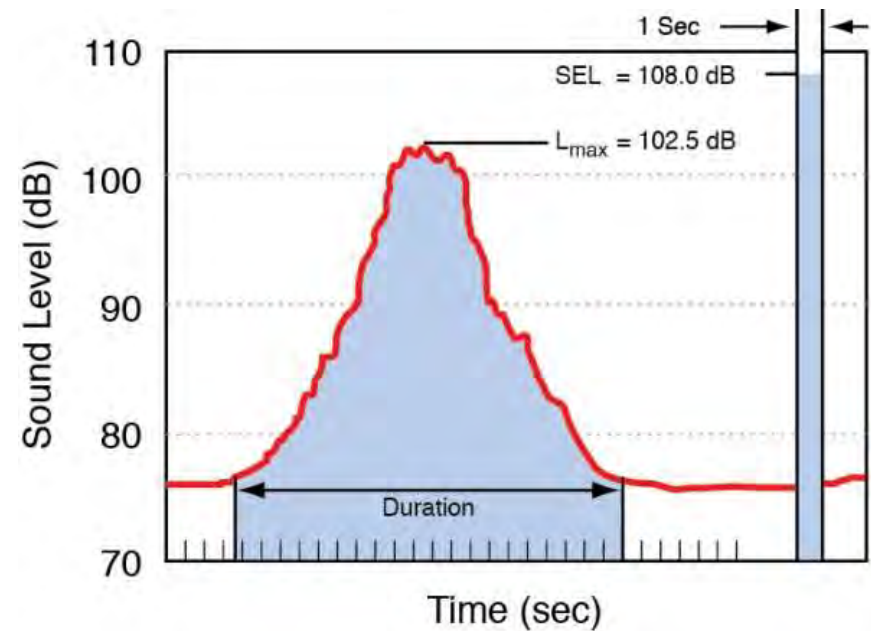
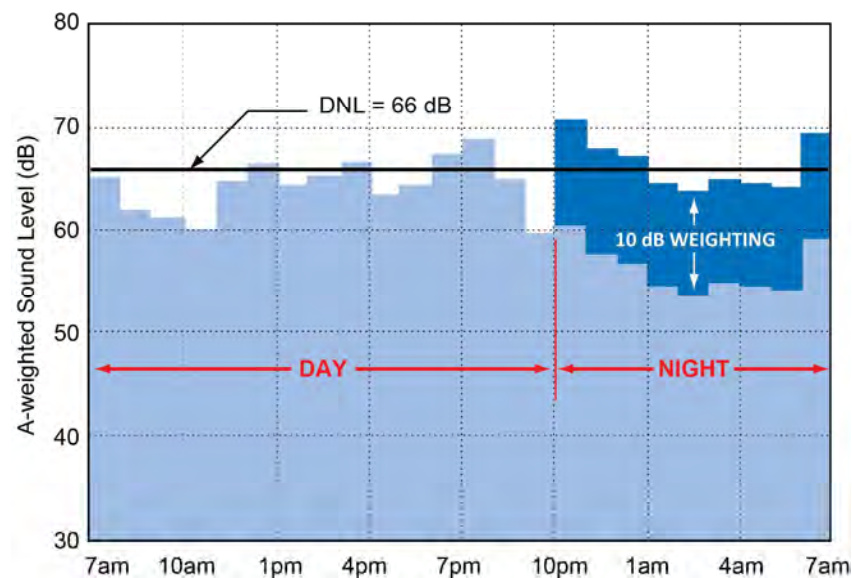
- Reduce existing and future incompatible land uses identified in the 2027 Noise Exposure Map
- Increase stakeholder buy-in on Noise Compatibility Program measures and implementation processes
- Position the Airport for future funding opportunities for Noise Compatibility Program measures that benefit local communities

Part 150 Study Overview

- Voluntary FAA-defined process for airport noise studies
 - Provides access to FAA funding for some approved measures
 - Well-established, understood, accepted, and comprehensive process
- Two primary elements
 - Noise Exposure Map (NEM)
 - Noise Compatibility Program (NCP)
- Consultation required with:
 - All local, state, and federal entities with control over land use within DNL 65+ dB
 - FAA regional officials, regular aeronautical users of the airport
 - All parties interested in review of and comment on the draft
- Opportunity must be offered for a final public hearing on the NCP

Noise Terminology

- Maximum Noise Level (L_{\max})
- Sound Exposure Level (SEL)
- Equivalent Sound Level (L_{eq})
- Day-Night Average Sound Level (DNL)



Noise Exposure Map (NEM) Overview

- NEM must include detailed description of
 - Airport layout, aircraft operations, and other inputs to noise model
 - Aircraft noise exposure in terms of Day-Night Average Sound Level (DNL)
 - Land uses within DNL 65+ decibel (dB) contours
 - Noise / land use compatibility statistics within DNL 65+ dB contours
- NEM must address two calendar years
 - Year of submission (2022)
 - Forecast (at least five years from year of submission; 2027)
- FAA reviews forecasts for consistency with Terminal Area Forecast (TAF)
- FAA “accepts” NEM as compliant with Part 150 standards

Dane County Regional Airport
Madison, Wisconsin

Figure 6-2:
Forecast Condition (2027)
Noise Exposure Map



Land Use Assessment for 2027 Forecast Conditions

The 2027 Forecast Condition identified a number of potentially non compatible housing units as shown in the table below and the following four noise-sensitive sites within the 65 DNL contour:

- **School:** Madison College at 1701 Wright St, Madison, WI
- **Place of Worship:** Ridgeway Church at 3245 E Washington Ave, Madison, WI
- **Day Care:** Claudi's Kids Inc-Day Care Center at 3131 E Washington Ave, Madison, WI
- **Transient Lodging:** Spence Motel at 3575 E Washington Ave, Madison, WI

Forecast 2027 Combined 65 – 75 DNL Contours

	Population Census 2020	Housing Units	Area (Acres)
65-70 DNL	2,424	1,227	1,823.31
70-75 DNL	57	23	935.53
>75 DNL	0	0	971.30
Total	2,481	1,250	3,730.14

Noise Compatibility Program Process



Airport-Recommended Noise Abatement Measures

Number	Noise Abatement Measures	Implementation
NA-1	Develop noise abatement flight paths and encourage the use of such flight paths to avoid aircraft overflying educational facilities to the south of the Airport	Medium-Term 3-5 years for FAA to design and implement
NA-2	Encourage aircraft departing Runway 32 to pass through 2,500 feet Mean Sea Level (MSL) before turning left	Implemented
NA-3	Encourage eastbound and southbound aircraft exceeding 12,500 pounds departing Runway 3 to climb on runway heading through 2,500 feet Mean Sea Level (MSL) before turning right	Implemented
NA-4	Encourage all aircraft exceeding 12,500 pounds and departing Runway 21 to turn left 10 degrees as soon as safe and practicable	Implemented
NA-5	Encourage use of the established visual approach and departure corridors for helicopters	Implemented

Airport-Recommended Noise Abatement Measures (Continued)

Number	Noise Abatement Measures	Implementation
NA-6	Modify the existing preferential runway use program to encourage aircraft arriving from and departing to the north, including F-35A scrambles	Implemented by Wisconsin Air National Guard (WIANG)
NA-7	Encourage jet aircraft operators to use Noise Abatement Departure Profiles (NADP)	Implemented by WIANG – may need reinforcement of policy with airlines
NA-8	Consider runway reconfiguration to address noncompatible land use to the south of the Airport - lengthen Runway 3/21 for F-35A aircraft & shift Runway 18/36 north	Long-Term Requires evaluation in Airport Master Plan process (2-3 years), environmental review, and construction (5-10 years)
NA-9	Encourage WIANG 115th Fighter Wing to limit non-emergency F-35A aircraft operations to the daytime (7:00 am - 10:00 pm)	Implemented

Airport-Recommended Land Use Measures

Number	Noise Abatement Measures	Implementation
LU-1	Maintain existing compatible land uses in the airport vicinity (LU-1):	Short-Term Responsibility of land use jurisdictions
	<ul style="list-style-type: none"> • Redefine “airport affected area” in accordance with Wisconsin Statute 66.31. 	
	<ul style="list-style-type: none"> • Encourage municipalities to recommend inclusion of sound attenuation standards for noise-sensitive development in new building designs for construction within the Airport Affected Area. 	
	<ul style="list-style-type: none"> • Amend local land use plans to reflect noise compatibility plan recommendations and establish airport compatibility criteria for project review. 	
	<ul style="list-style-type: none"> • Discourage future residential development within the 65 DNL contour or adjacent to the Airport. 	
	<ul style="list-style-type: none"> • Meet with surrounding neighborhoods on an annual basis to communicate and educate about future airport plans. 	

Airport-Recommended Land Use Measures (Continued)

Number	Noise Abatement Measures	Implementation
LU-2	Continue voluntary land acquisition of noncompatible land uses inside the 70 DNL noise contour	Long-Term - Awaiting properties to become available
LU-3	Continue voluntary land acquisition in Cherokee Marsh and Token Creek Park areas should they be considered for noise-sensitive use	Long-Term Awaiting properties to become available
LU-4	Monitor for voluntary land acquisition of the Oak Park Terrace mobile-home community and relocate the residences	Long-Term - Acquire only if the property becomes available
LU-5	Implement a sound insulation program to provide treatment to noise-sensitive structures inside the 65 DNL noise contour	Short-Term - Implement when federal funding becomes available

Airport-Recommended Program Management Measures

Number	Noise Abatement Measures	Implementation
PM-1	Re-establish and maintain a noise advisory committee	Implemented through the Airport Commission Noise Abatement Subcommittee
PM-2	Continue and improve noise complaint response program	Partially implemented Need to determine how best to improve the program
PM-3	Regular updates of the Noise Exposure Map	Medium to Long-Term Regular updates required to continue federal funding for sound insulation
PM-4	Periodic evaluation and update of the Noise Compatibility Program	Long-Term Update when the NCP measures no longer adequately address noncompatible land

Anticipated Schedule

Date	Action
September 10 th , 2025	Project kickoff and meeting with FAA
October 2 nd , 2025	TAC Meeting #1
October 3 rd , 2025	Airport Noise Subcommittee Meeting
October 20 th , 2025	TAC Meeting #2
October 24 th , 2025	Draft Revisions to FAA
October 24 th , 2025	Begin Public Review Period
November 6, 2025	TAC Meeting #3
November 6-8, 2025	Three Public Meetings
November 18, 2025	Airport Noise Subcommittee Meeting and Public Hearing
November 24, 2025	Close of Public Review and Comment Period
Late November 2025	Submit Amended NCP to FAA
12-2025 through 06-2026	180 Day Federal Register Notice Timeline
07-2026 through 09-2026	Receive FAA approval of NCP (Eligible for grant funding)

Public Comment



Noise Compatibility Planning Study

Dane County Regional Airport

Public Hearing Sign-in Sheet

November 18, 2025

#	Name	Email Address	Zip Code	Phone Number
1	Aaron Greenblatt	green3q@gmail.com	53704	608-772-1761
2	Anne Tigan	aptigan@tds.net	53704	608-244-2635
3	Steve Books	Books24U@aol.com	53715	608-358-7906
4	BRETT HULSEY	bhulsey1@gmail.com	3214 Ridgeway 53704	608-334-4994
5	Matt Stewart	mstewart21@gmail.com	55444	603-503-9916
6	Scott Pigg	scottkpigg@gmail.com	53704	608-438-4904
7	Jan Axelson	janaxelso@gmail.com	53704	
8	Janet Davis	janetdavis2456@gmail.com	53704	608-257-6600
9	BRIAN STANDING	brian.standing@worldfm.org	53714	608-358-6567
10	Dan Stutz	dstutz@university.com	53597	608-327-9266
11	Linda Hall	lhall34@gmail.com	53704	608-692-1882
12	Lucie Lodge	lucylod@hotmail.com	53704	608-228-2854
13				



DANE COUNTY REGIONAL AIRPORT NOISE COMPATIBILITY PLANNING STUDY

Summer 2023 Newsletter

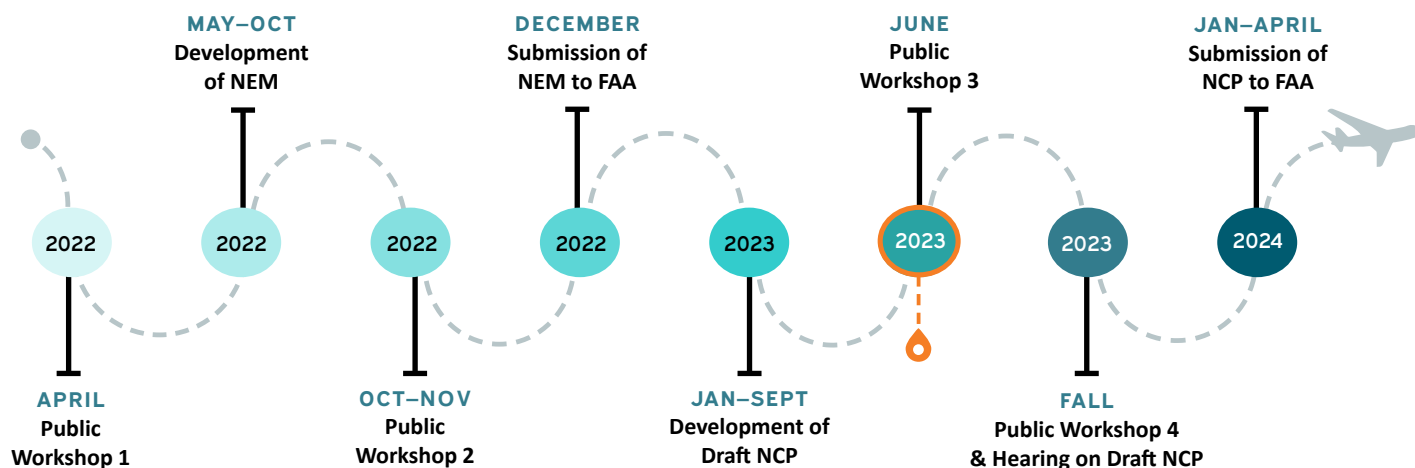
Study Overview

Dane County Regional Airport (MSN) is undertaking a Noise Compatibility Planning Study in accordance with Title 14 of the Code of Federal Regulation Part 150 (14 CFR Part 150 or Part 150). The Study includes two major elements: (1) a Noise Exposure Map (NEM) and (2) a Noise Compatibility Program (NCP). The NEM was recently submitted to the Federal Aviation Administration (FAA), and MSN is now focused on the development of the updated NCP, which will also be subject to FAA acceptance and approval. The NCP is a list of actions an airport proprietor recommends to address existing and

future land use incompatibilities resulting from the noise of aircraft operations.

Part 150 describes a formal process for airport operators to address aircraft noise in terms of land use compatibility. The regulation establishes thresholds for aircraft noise exposure for specific land use categories. Part 150 studies are voluntary and allow airports to apply for federal funding to implement their noise program including FAA-approved measures recommended to reduce or eliminate incompatible land use. This Study is expected to be completed in 2024.

Study Phases Timeline



Public Outreach and Stakeholder Engagement

Stakeholders and those interested in land use compatibility planning have an ongoing opportunity to learn about the Study and provide feedback. This opportunity is occurring through various mechanisms, including a Technical Advisory Committee, a project website, project newsletters, public draft documents, public open houses, public comment periods, and a public hearing.

Public Open House 3

We have added an open house to the schedule and you're invited! This is an opportunity for you to provide feedback on possible NCP measures for MSN consideration.

When: Tuesday, June 27, 5:30 p.m. – 7:30 p.m.

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

DANE COUNTY REGIONAL AIRPORT NOISE COMPATIBILITY PLANNING STUDY

Summer 2023 Newsletter

Noise Compatibility Program

As required in the Part 150 regulation, the NCP must address three major categories of proposed actions:

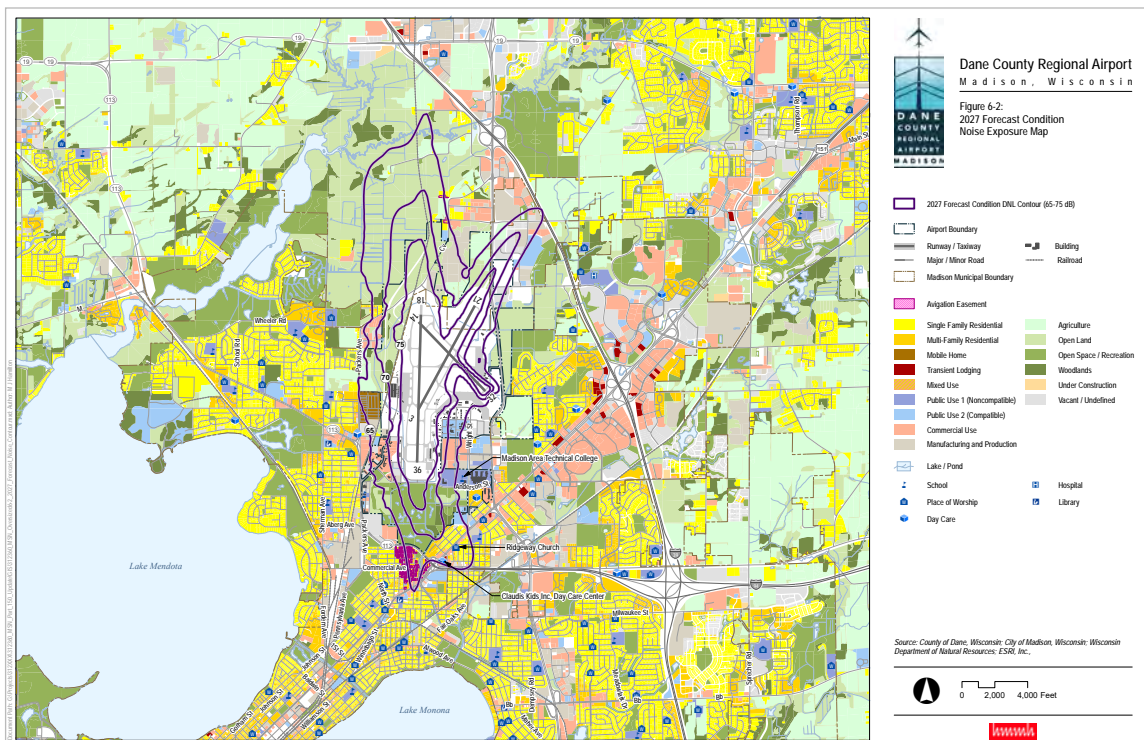
1. Noise Abatement Measures
2. Compatible Land Use Measures
3. Program Management Measures

These proposed actions will be documented in an NCP report, subject to FAA acceptance and approval, and will include the following elements:

- The development of the program.
- Each measure considered by MSN, with reasoning for recommending or excluding each measure.
- The entities responsible for implementing each recommended measure.

- Implementation and funding mechanisms.
- The predicted effectiveness of both the individual measures and the overall program.

The FAA reviews and approves specific measures based on information contained in the NCP report. Dane County may apply for grant funding for implementation of FAA-approved measures. A Dane County-recommended and FAA-approved measure does not require implementation of the measure, but merely demonstrates that the measure is in compliance with Part 150. Additionally, if a measure requires subsequent FAA action, its implementation may require environmental study under the National Environmental Policy Act of 1969.



2027 Forecast Condition Noise Exposure Map, generated by a computer modeling program called AEDT, which is the modeling program prescribed by the FAA for noise studies.

Find Out More

www.msairport.com/about/ecomentality/Part-150-Study
part150study@msairport.com



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.



DANE COUNTY REGIONAL AIRPORT

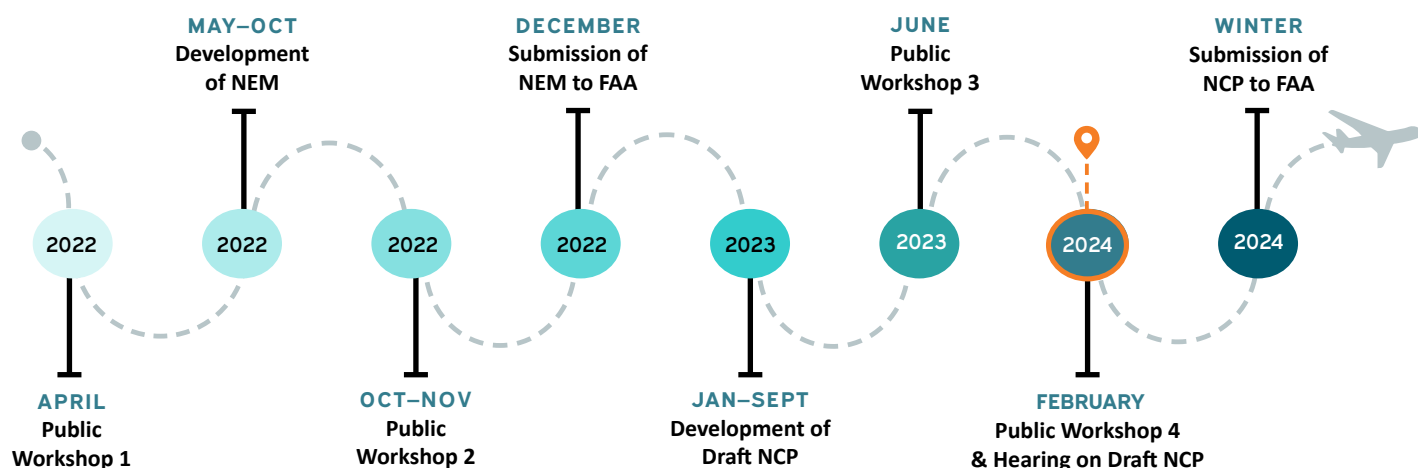
NOISE COMPATIBILITY PLANNING STUDY

Winter 2024 Newsletter

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





Part 150 Noise Study

Part 150 Overview

Dane County is updating the Noise Compatibility Plan for Dane County Regional Airport (MSN) in accordance with the Federal Aviation Administration's (FAA) voluntary process codified under Title 14 of the Code of Federal Regulations Part 150 (14 CFR Part 150 or simply "Part 150"). Harris Miller Miller & Hanson, in association with Mead & Hunt and the Jones Payne Group, was retained to assist with preparation of the two elements that make up the Part 150 study: The Noise Exposure Map (NEM) and Noise Compatibility Program (NCP).

Phase one of the Part 150 study focused on updating and completing the NEM. The NEM inventories and documents noise exposure from the annual-average daily aircraft operations for existing and forecast conditions; and the resulting land use compatibility. The NEM and its appendices have been completed and submitted to the FAA; those documents can be reviewed here:

Final NEM Report:

[2022 MSN NEM Report \(Revision 1, PDF\)](#)

NEM Appendices:

[Appendix A \(PDF\)](#)

[Appendix B \(PDF\)](#)

[Appendix C \(PDF\)](#)

[Appendix D-1 \(PDF\)](#)

[Appendix D-2 \(Revision 1, PDF\)](#)

In The News

EcoMentality

Part 150 Study

General Information

Natural Resource Management

Recycling / Solid Waste Reduction

Energy Conservation / Renewable Energy

Water Conservation / Quality Improvements

PFAS Information

Noise Abatement

Noise FAQ

Noise Report Form

Facilities & Maps

Airport Operations

Contact Us



Part 150 Noise Study

Part 150 Noise Study Updates

The airport's Noise Compatibility Program (NCP) draft has been amended to better address the needs of our surrounding neighbors. We're eager to share these updates and encourage your feedback. Below, you'll find the amended draft NCP document and appendices. The document is also available to review in printed form at the following locations:

Dane County Regional Airport

4000 International Lane, Madison, WI 53704
Monday - Friday, 7:30am to 4:30pm
From October 24, 2025 to November 24, 2025

Lakeview Public Library

2845 North Sherman Avenue, Madison, WI 53704
Monday - Friday, 10:00am to 8:00pm
Saturday, 9:00am to 5:00pm
Sunday, 1:00pm to 5:00pm
From October 24, 2025 to November 24, 2025

Amended NCP Summary of Changes:

[2025 Amended NCP Summary of Changes \(PDF\)](#)

Amended NCP Draft:

[2025 Amended NCP Draft \(PDF\)](#)

Amended NCP Appendices:

[2025 Amended NCP Draft Appendices A-G \(PDF\)](#)

Public Comments on the Amended Draft NCP

Thank you to everyone who attended one of our three Public Open Houses in early November or joined the formal Public Hearing on November 18, 2025. Your questions and input were greatly appreciated.

The 30-day public comment period on the amended draft NCP remains open through November 24, 2025. We encourage you to review the information boards that were displayed at the open houses (now available below as a downloadable PDF) and submit your comments by November 24, 2025. Your feedback on the amended NCP is vital. Comments can be submitted directly to the Part 150

[Airport Operations](#)

[Facilities & Maps](#)

[In The News](#)

[EcoMentality](#)

[Noise](#)

[Part 150 Study](#)

[Noise Abatement](#)

[Noise FAQ](#)

[Noise Report Form](#)

[Contact Us](#)



About Us

Need information on Dane County Regional Airport? Click here to learn more about the people who keep things running along with our commitment to environmental sustainability and responsibility. Or need the latest news on airport routes, carriers and special events, you'll find it here.

Noise Study team via email at Part150Study@msnairport.com.

Open House Information Boards:

[2025 Draft NCP Open House Information Boards \(PDF\)](#)

[Read More »](#)

Part 150 Overview

Dane County is updating the Noise Compatibility Plan for Dane County Regional Airport (MSN) in accordance with the Federal Aviation Administration's (FAA) voluntary process codified under Title 14 of the Code of Federal Regulations Part 150 (14 CFR Part 150 or simply "Part 150"). Harris Miller Miller & Hanson, in association with Mead & Hunt and the Jones Payne Group, was retained to assist with preparation of the two elements that make up the Part 150 study: The Noise Exposure Map (NEM) and Noise Compatibility Program (NCP).

Phase One: The Noise Exposure Map

Phase one of the Part 150 study focused on updating and completing the NEM. The NEM inventories and documents noise exposure from the annual-average daily aircraft operations for existing and forecast conditions; and the resulting land use compatibility. The NEM and its appendices have been completed and approved by the FAA; those documents can be reviewed here:

Final NEM Report:

[2022 MSN NEM Report \(Revision 1, PDF\)](#)

NEM Appendices:

[Appendix A \(PDF\)](#)

[Appendix B \(PDF\)](#)

[Appendix C \(PDF\)](#)

[Appendix D-1 \(PDF\)](#)

[Appendix D-2 \(Revision 1, PDF\)](#)

Phase Two: The Noise Compatibility Program

Phase two of the Part 150 study focused on the NCP; the NCP evaluates and recommends measures to address the land uses not compatible with the documented aircraft noise exposure. The implementation of the recommended measures in the NCP, once approved by the FAA, are potentially eligible for federal assistance.

Part 150 regulation prescribes specific standards and systems for:

- Measuring noise
- Estimating cumulative noise exposure
- Describing noise exposure (including instantaneous, single event, and cumulative levels)
- Identifying noncompatible land uses
- Coordinating Noise Compatibility Program development with airport users, the FAA, land use officials and neighbors
- Documenting the analytical process and development of the Noise Exposure Maps and Noise Compatibility Program
- Submitting documentation to the FAA
- Public consultation
- FAA and public review processes
- FAA approval or disapproval of the submission

In August 2025, Dane County Regional Airport voluntarily withdrew its previously submitted NCP Draft. By withdrawing NCP draft, which hadn't been finalized or published in the Federal Register by the FAA, Dane County Regional Airport is able to revise and resubmit the NCP with changes that will better position the airport to receive federal noise mitigation funding.

Dane County Regional Airport Overview

Dane County, as the owner and operator of Dane County Regional Airport (MSN), is the sponsor of the Study. As representatives of Dane County, MSN staff have final decision-making authority regarding all aspects of the Study, including but not limited to the conduct of the Study; stakeholder engagement; the certification of the accuracy of the documentation submitted to the FAA; and the recommended measures included in the NCP.

The 115th Fighter Wing of the Wisconsin Air National Guard (ANG) is located at Truax Field within MSN. The unit currently has a fleet of F-35A Lightning II aircraft. The Study Team will consult with the Wisconsin ANG to understand their plans for operation of F-35A aircraft during the existing (2022) and forecast year (2027) for the NEM.

MSN Part 150 Resources

Public Open House Information Boards

[Public Open House 1 - 4/26/22 \(PDF\)](#)

[Public Open House 2 - 11/14/22 \(PDF\)](#)

Part 150 Public Newsletters

[Summer 2022 Newsletter \(PDF\)](#)

[Fall 2022 Newsletter \(PDF\)](#)

PART 150 NOISE STUDY OPEN HOUSES

Learn more about the Part 150 Noise Study and amended Noise Compatibility Program.



- › MSNAirport.com
- › 4000 International Lane – Madison, WI
- › Part150study@msnairport.com

Dane County Regional Airport
4000 International Lane
Madison, WI 53704

Prsrt Std
US Postage
PAID
Madison, WI
Permit #0000

FIRSTNAME LASTNAME

ADDRESS

CITY STATE ZIP

DEAR AIRPORT NEIGHBOR,

Learn more about the Dane County Regional Airport's Part 150 Study and amended Noise Compatibility Program and provide your feedback by attending any of the open houses offered below. Parking is free at all venues.

11/6/2025

- › Thursday, November 6th at 6:30PM
- › Dane County Regional Airport | 4000 International Lane, Madison
- › Airport lobby between Terminal Doors 1 and 2

11/7/2025

- › Friday, November 7th at 10:00AM
- › Dane County Regional Airport | 4000 International Lane, Madison
- › Airport lobby between Terminal Doors 1 and 2

11/8/2025

- › Saturday, November 8th at 9:30AM
- › Madison College | 1701 Wright Street, Madison
- › Welcome Center/Atrium (enter from Wright Street)

MSNAirport.com | 4000 International Lane – Madison, WI | Part150study@msnairport.com



Dane County Regional Airport (MSN) Noise Compatibility Planning Study Noise Compatibility Program Amendment Summary (October 2025)

Dane County Regional Airport (MSN) is undertaking a Noise Compatibility Planning Study in accordance with Title 14, Code of Federal Regulations Part 150 (14 CFR Part 150 or Part 150). The Airport recently rescinded the MSN Noise Compatibility Program (NCP) submitted to the FAA in November 2024 to amend it for better alignment with stakeholder and public interests.

The 2024 NCP contained several noise abatement, land use, and programmatic recommendations intended to address noncompatible land uses identified in the 2022 MSN Noise Exposure Map (NEM) Update. The following summary highlights major changes made through this 2025 amendment to the MSN NCP and anticipated implementation timeframes for some of the Airport-recommended NCP measures.

- **NA-1 New Flight Paths:** The Airport continues to recommend that the FAA develop new flight paths (NCP Noise Abatement 1 or “NA-1”) aircraft operators can use to avoid overflying educational facilities. This is a medium-term measure, as FAA design and implementation of procedures typically requires 3 to 5 years.
- **NA-8 Runway Configuration:** The Airport needs to review any potential changes to the MSN runway configuration through an airport master planning process. Specifically, the runway reconfiguration NCP measure “NA-8” involves the lengthening of Runway 3/21 and the northerly shift of Runway 18/36. If these concepts advance through the master planning process, they would be completed through long-term projects, since master planning typically requires 3 to 5 years to complete. Following the master plan, a formal environmental review would be needed prior to construction to support the runway reconfigurations identified in the NCP as being beneficial to noise and land use compatibility.
- **LU-1 Land Use Coordination:** Through this amendment process, the Airport has worked closely with the City of Madison, the land use authority for properties south of MSN, to help maintain land use compatibility as recommended in NCP Land Use measure 1 or “LU-1”. This is expected to be implemented by the land use jurisdictions in the short term.
- **LU-4 Oak Park Terrace Contingent Acquisition:** To preserve compatible land use in the vicinity of MSN, the Airport is including a measure that will allow them to acquire the Oak Park Terrace mobile-home community if the owner elects to sell or repurpose the property (LU-4). The measure will include relocation assistance for affected residences if such a purchase were to occur; however, the Airport is not actively pursuing this acquisition at this time.
- **LU-5 Sound Insulation Program:** Based on public comments from the NCP process in 2024 and interest from other stakeholders, including the Airport, the Airport will implement a sound insulation program (LU-5) in the short-term to address the incompatible land uses within the 65-70 DNL contour of the FAA-accepted 2027 Noise Exposure Map contained within the 2022 MSN NEM update.

AFFIDAVIT OF PUBLICATION

Wisconsin State Journal
1901 Fish Hatchery Rd, Madison, WI 53713
(800) 362-8333

State of Florida, County of Orange, ss:

I, Edmar Corachia, of lawful age, being duly sworn upon oath depose and say that I am an agent of Column Software, PBC, duly appointed and authorized agent of the Publisher of Wisconsin State Journal, a newspaper at Madison, County of Dane, State of Wisconsin, and that an advertisement of which the annexed is a true copy, taken from said paper, was published therein on the dates listed below:

Publication Dates:

Oct 27, 2025, Nov 7, 2025

Notice ID: AdI75q2IIVV8AhaoUpMZ

Notice Name: Dane County Airport Amended NCP Public Notice

Section: Legals

Category: 0100 LEGAL NOTICE

Publication Fee: \$104.53

Edmar Corachia

Agent

VERIFICATION

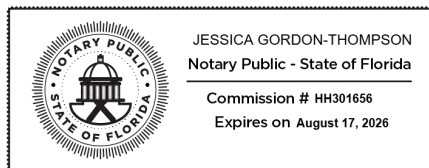
State of Florida
County of Orange

Signed or attested before me on this: 11/07/2025



Notary Public

Notarized remotely online using communication technology via Proof.



**DANE COUNTY REGIONAL AIRPORT NOISE COMPATIBILITY PROGRAM
AMENDMENT PUBLIC NOTICE, PUBLIC COMMENT PERIOD, AND PUBLIC
MEETINGS DANE COUNTY REGIONAL AIRPORT / TRUAX FIELD**

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 Airport is amending the Noise Compatibility Program (NCP) as of fall 2025. The amended draft NCP document will be available for public review and comment from October 24, 2025 to November 24, 2025. During the review period, an electronic version of the document will be available online at <https://www.msnairport.com/about/noise-abatement/part-150-study>. Public comments will be accepted throughout the review period. Comments can be emailed to . The document will also be available in printed form at the following locations during normal business hours:

- MSN offices, 4000 International Lane, Madison, WI 53704
- Madison Public Library – Lakeview, 2845 North Sherman Avenue, Madison, WI 53704

The Airport will hold three public open houses on subsequent dates at multiple locations as specified below. Public comments will be accepted via comment forms at the public open houses. Free parking is available at all venues.

- Date: **November 6, 2025**, Time: 6:30 PM to 8:30 PM, Location: MSN Airport lobby between Terminal Doors 1 and 2, Address: 4000 International Lane, Madison, WI 53704

- Date: **November 7, 2025**, Time: 10:00 AM to 12:00 PM, Location: MSN Airport lobby between Terminal Doors 1 and 2, Address: 4000 International Lane, Madison, WI 53704

- Date: **November 8, 2025**, Time: 9:30 AM to 11:30 AM, Location: Madison College Welcome Center/Atrium (enter from Wright Street), Address: 1701 Wright Street, Madison, WI 53704

The Airport will hold a public hearing on November 18, 2025, Time: 5:30 PM. Public comments will be accepted both orally and via comment forms at the public hearing.

WSJ: October 27, November 7, 2025
COL-WI-12007252 WYNAXLP

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