



# Airlake Airport ADVISORY COMMISSION

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ALAAC

## Regular Meeting

March 9, 2023





REMINDER:

Please  
silence your phone  
to avoid  
interruptions  
and  
mute yourself  
when you are not  
speaking.

# PURPOSE AND GOALS

## GOAL:

This Commission is formed to further the general welfare of the community and the Airlake Airport, a public airport in the City of Lakeville, County of Dakota, State of Minnesota, through minimizing or resolving problems created by the aircraft operations at the airport.

## PURPOSE:

1. The Commission shall advise the community and the Metropolitan Airports Commission with regard to all matters affecting the Airlake Airport, the classification, rules and regulations supplied to the operation of the Airport and the development of lands adjacent to the Airport.
2. The Commission shall cooperate with the Metropolitan Airports Commission staff in reviewing matters affecting the use and control of the Airlake Airport.
3. The Commission shall make its recommendations to the Metropolitan Airports Commission regarding any proposal affecting the use or operations of Airlake Airport.



# Agenda

Welcome & Introductions

Recognition

Consent Items:

- Agenda, Approval of Minutes

Public Comment

Airport Manager Update

Noise Complaints Summary Q4 2022

Schedule Airport Tour

Civil Air Patrol

ALAAC Member Comments/Announcements

Announcements



# Welcome & Introductions



# Members & Coordinators

<b>Community/Public Representatives</b>	<b>Airport User Representatives</b>	<b>Metropolitan Airports Commission</b>
<b>John Bermel, Co-Chair Lakeville</b>	<b>Tom Fitzhenry, Co-Chair Pilot</b>	<b>Yodit Bizen, MAC Commissioner</b>
<b>Tina Goodroad, Lakeville</b>	<b>Patrick Moynihan, Pilot</b>	<b>Robert Dockry, Technical Advisor</b>
<b>Nancy Sauber, Eureka</b>	<b>Adam Forsberg, FBO</b>	<b>Jennifer Lewis, Meeting Coordinator</b>
<b>Randy Wood, Eureka</b>	<b>Dan Wolbert, Pilot</b>	<b>Kalae Verdeja, Meeting Secretary</b>
<b>Holly Bernatz, Farmington</b>	<b>Krista Jech, Chamber of Commerce</b>	<b>Jack Egan, Community Relations</b>
<b>Erin Laberee, Dakota County</b>	<b>Steven Guetter, Pilot</b>	

# CERTIFICATE OF RECOGNITION

This certificate is presented to

# Recognition

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A medical flight carrying critical medication for a patient during a snow event was able to land safely at Airlake Airport due to your efforts to keep the airfield available for safe use despite the challenging weather.

On behalf of the Airlake Airport Advisory Commission, we recognize your efforts that support the wellbeing and betterment of the Airlake Airport community.

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**Airlake Airport** ADVISORY COMMISSION





## Consent Items:

- Approve Agenda
- Approve Minutes for 12-8-2022







# Public Comment

Members of the public are welcome to share their remarks with the Commission.  
Please state your name and address

Limit remarks to 3 minutes

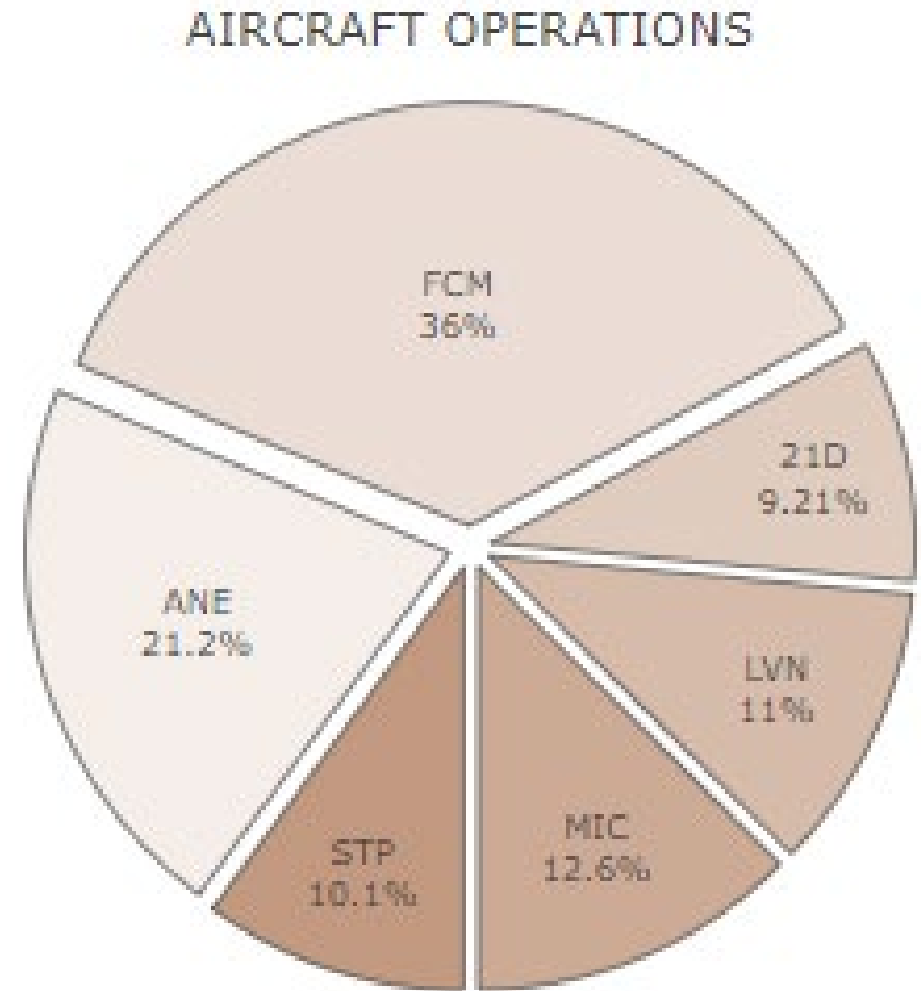


# Airport Manager Update

<b>MAC Reliever Airport Ops</b>	<b>2021</b>	<b>2022</b>	<b>% Change</b>
<b><u>FCM</u></b>	<b>131,593</b>	<b>122,281</b>	<b>(7.08) %</b>
<b><u>MIC</u></b>	<b>37,845</b>	<b>42,592</b>	<b>12.54 %</b>
<b><u>STP</u></b>	<b>39,196</b>	<b>41,592</b>	<b>4.90 %</b>
<b><u>ANE</u></b>	<b>74,657</b>	<b>65,688</b>	<b>(12.01) %</b>
<b><u>LVN</u></b>	<b>36,259</b>	<b>38,268</b>	<b>5.54 %</b>
<b><u>21D</u></b>	<b>32,645</b>	<b>32,189</b>	<b>(1.40) %</b>
<b>Annual Total</b>	<b>352,195</b>	<b>342,136</b>	<b>(2.86) %</b>

# Airlake Airport (LVN) Aircraft Operations Q4 2022

- ✓ Flight tracking data (MACNOMS) are used to determine the number of takeoffs and landings at LVN.
- ✓ A change in data processing effective July 1, 2021 now reflects more takeoffs and landings at LVN associated with training flights.





Find an Address

10:35:15 AM



Nov 9, 2021

Replay Type

Animated

Start Date

11/9/2021

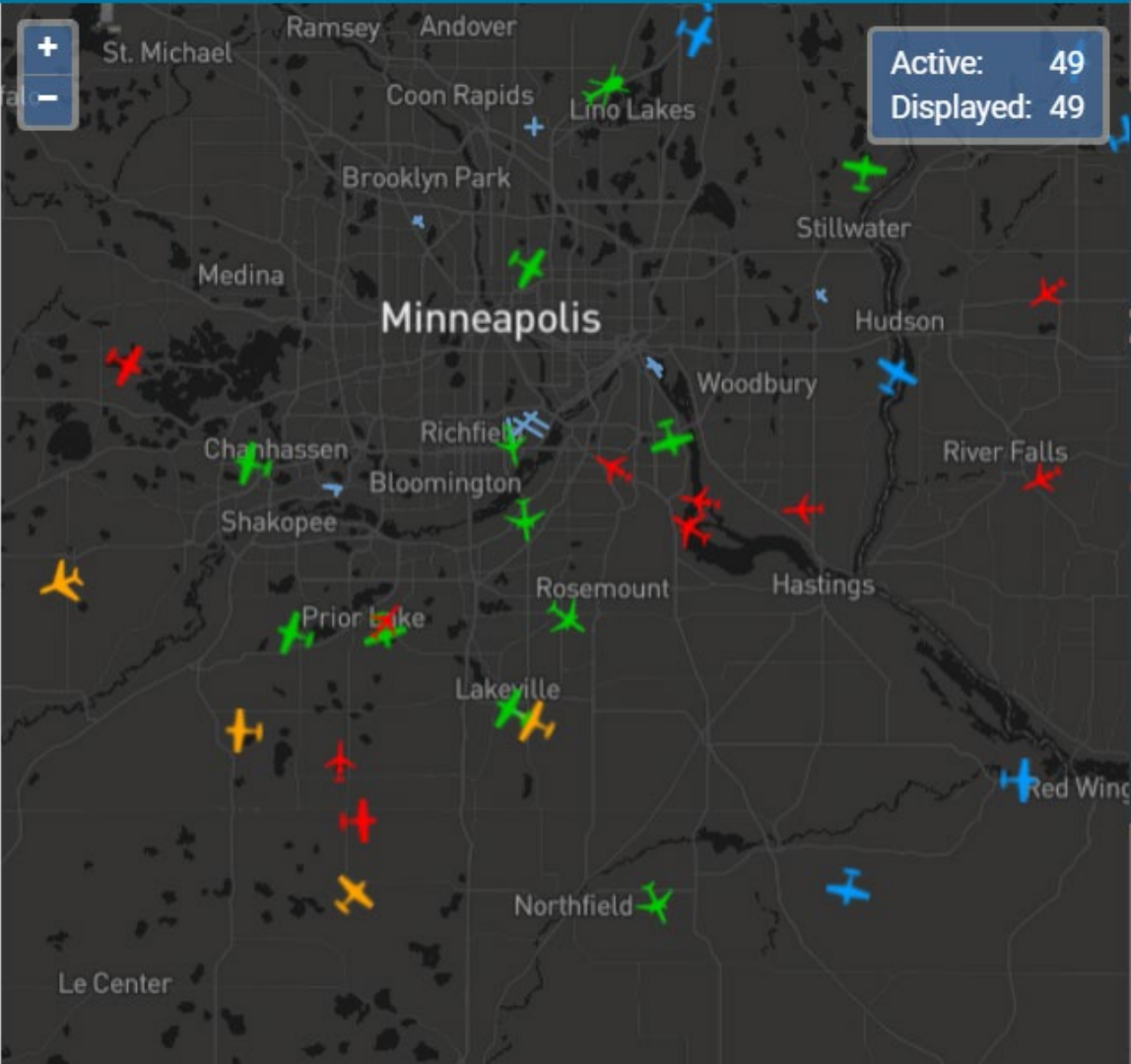
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10:30 AM

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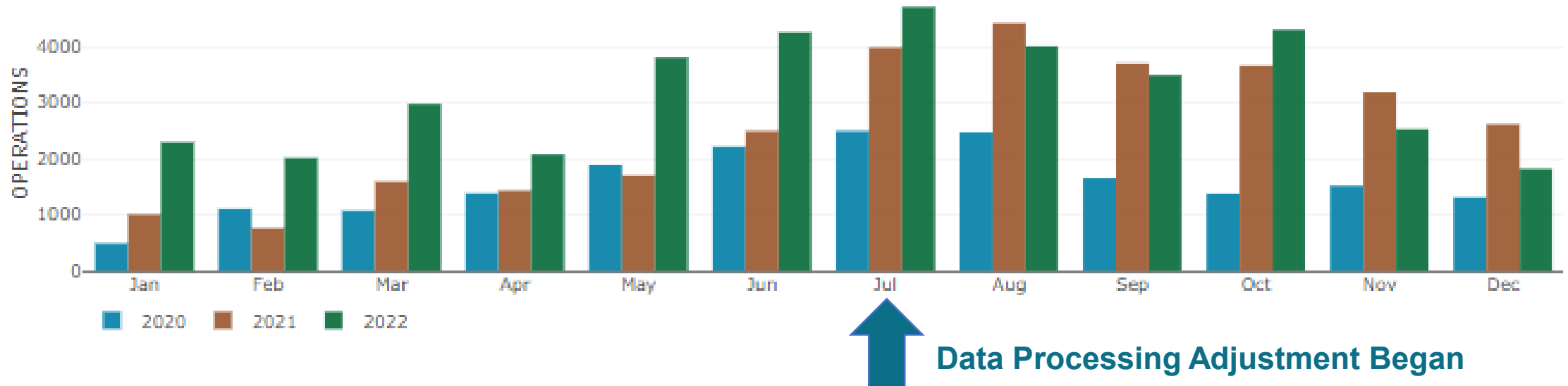
Pause



# MAC FlightTracker: [macnoms.com](https://macnoms.com)

# Airlake Airport (LVN) Aircraft Operations Q4 2022

2022		2021	
<b>8656</b> OPERATIONS	<b>35</b> NIGHTTIME OPERATIONS	<b>9451</b> OPERATIONS	<b>45</b> NIGHTTIME OPERATIONS



Beginning on July 1, 2021, the MACNOMS methodology for counting operations was updated to more accurately reflect total aircraft departures and arrivals at MAC airports.

# Airlake Airport (LVN) Aircraft Operations Q4 2022

AIRCRAFT TYPE	OPERATIONS
JET	17
HELICOPTER	60
PISTON	8,403
TURBO-PROP	38
UNKNOWN	138



# Aircraft Noise Complaints Summary Q4 2022





# Website Resources:

[metroairports.org/community-connection](https://metroairports.org/community-connection)

The screenshot shows the website's navigation menu with the following items: NEWS, EVENTS, DOCUMENTS & RESOURCES, FAQs, CONTACT US, About Us, Our Airports, Doing Business, and Community Connection. A search bar is located on the right side of the navigation bar.

The main content area features a large photograph of a community event. In the foreground, a yellow airport ground support vehicle is partially visible. A blue banner with the MAC logo is on the left. A group of people, including children, are gathered around a large, colorful mural. In the background, a blue tent with the MAC logo and the text "Our Vision: Delivering your best airport experience" is set up. People are interacting at the tent.

Overlaid on the photograph is the text "Community Connection".

At the bottom of the page, there is a "QUICK LINKS:" section with the following links: [Aircraft Noise](#), [Economic Impact](#), [Public Safety](#), and [Public Records Requests](#).

# Interactive Reports:

Home

STP

FCM

ANE

MIC

LVN

21D

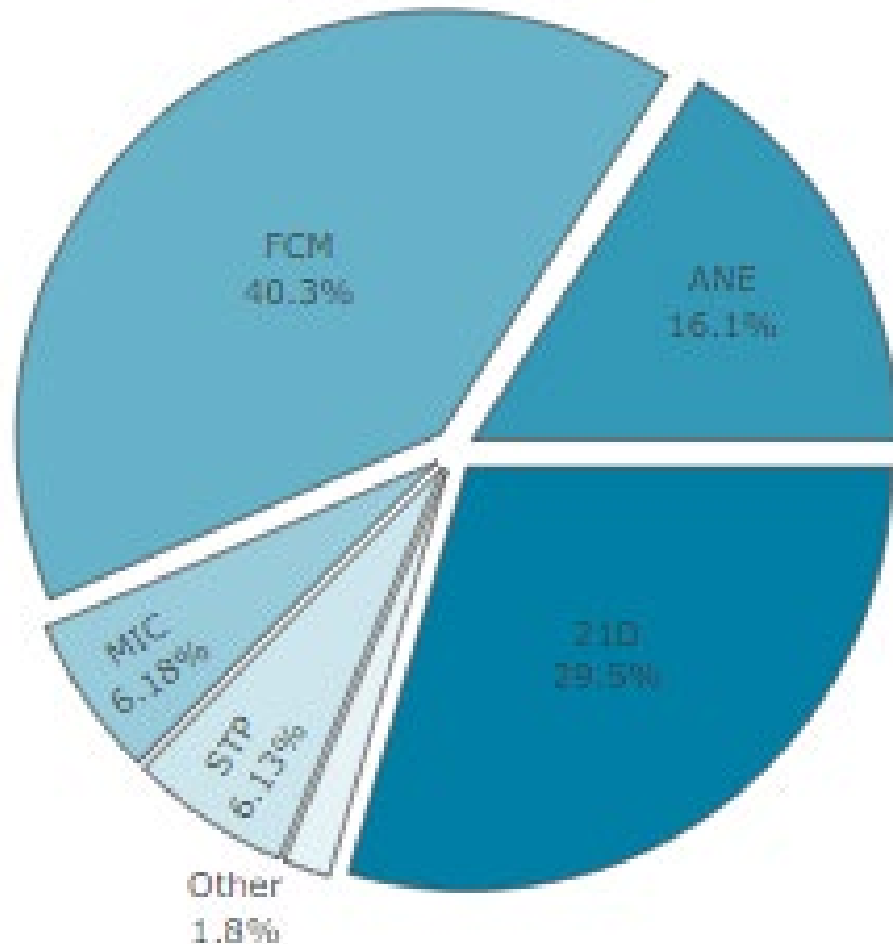
## MAC Reliever Interactive Reports



[metroairports.org/community-connection/aircraft-noise](https://metroairports.org/community-connection/aircraft-noise)

# Airlake Airport (LVN) Noise Complaints Q4 2022

NOISE COMPLAINTS



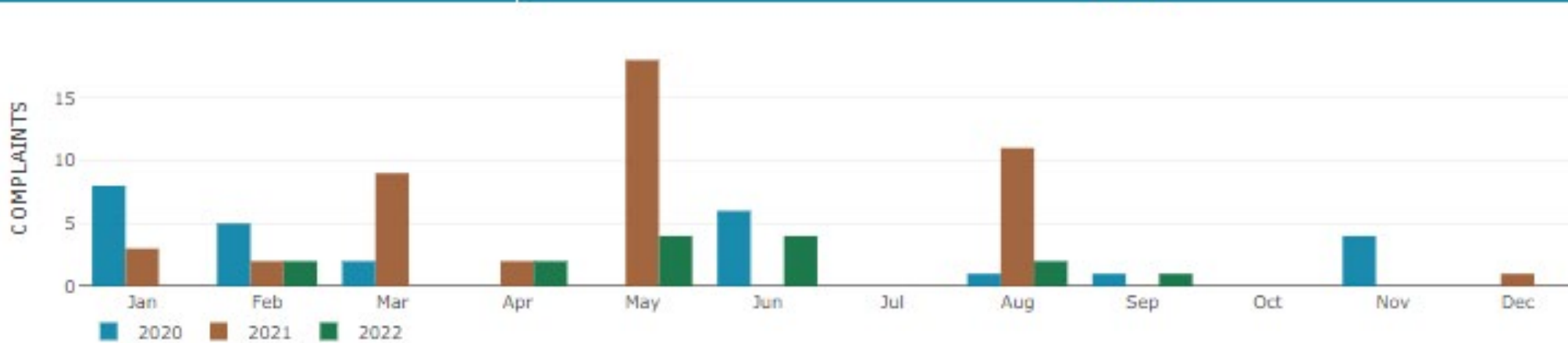
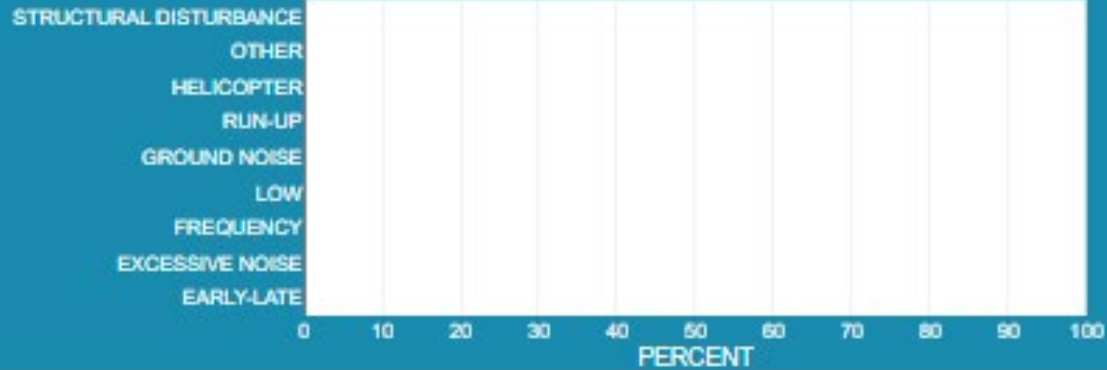
- ✓ Complaints are received through a 24-hour hotline, website account, email, and in-person.
- ✓ Complaints are correlated to specific flight activity based on details provided by the customer.
- ✓ Responses to complaints are as requested.
- ✓ Details are used for analysis.



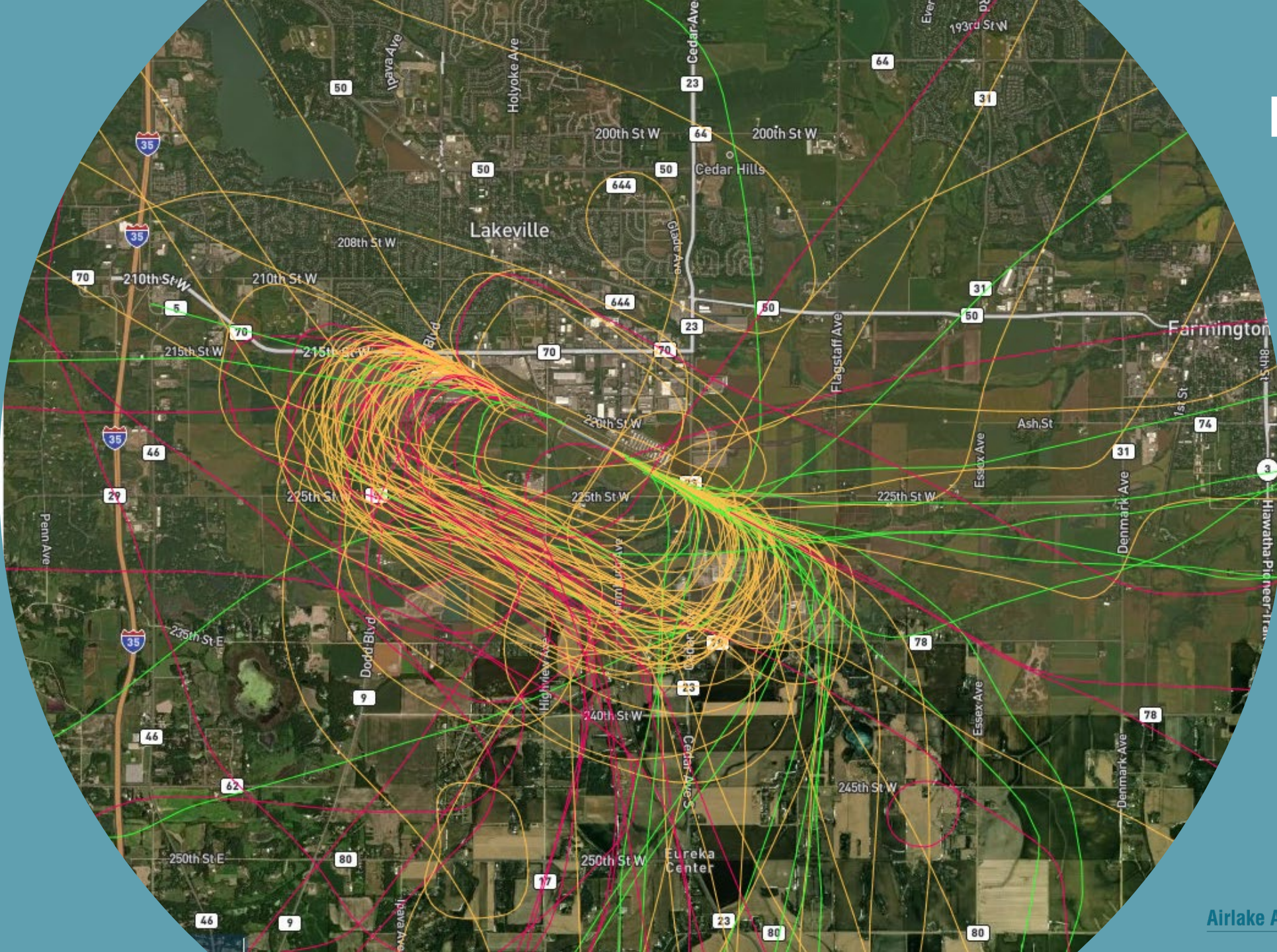
# Airlake Airport (LVN) Noise Complaints Q4 2022

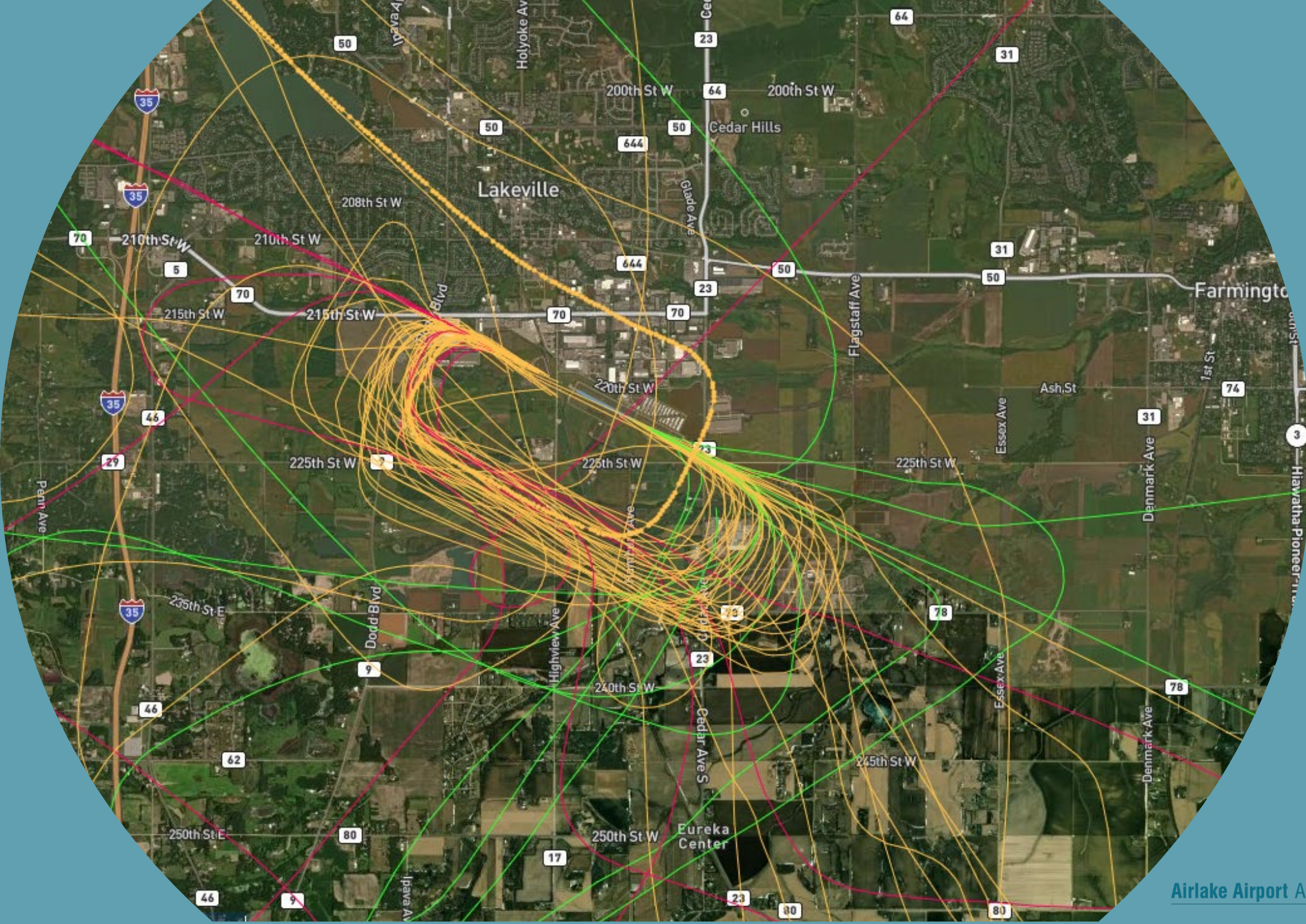
2022	0 COMPLAINTS	0 LOCATIONS	0 NIGHTTIME COMPLAINTS	0 NIGHTTIME HOUSEHOLDS
2021	1 COMPLAINTS	1 LOCATIONS	0 NIGHTTIME COMPLAINTS	0 NIGHTTIME HOUSEHOLDS

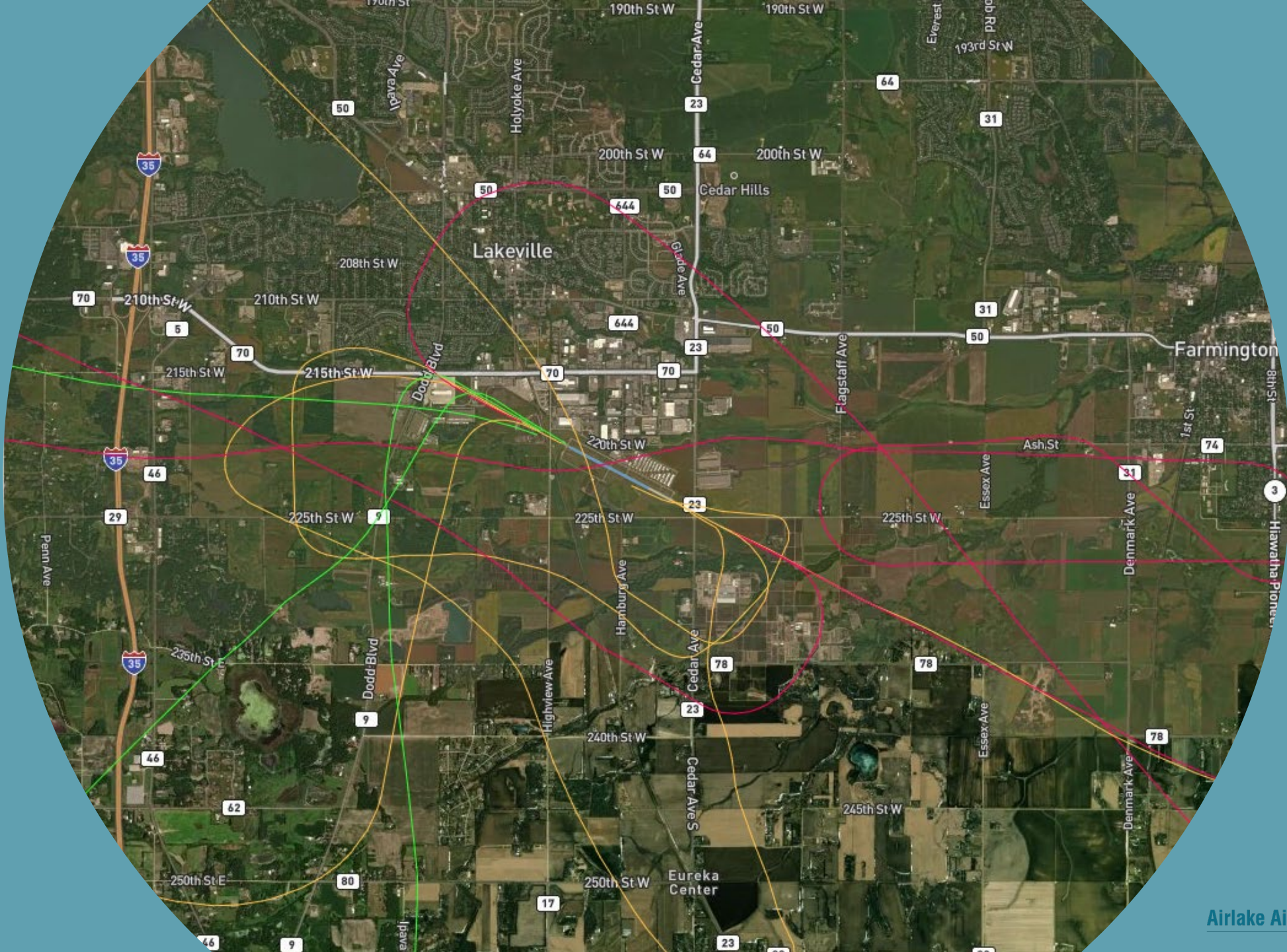
## COMPLAINT DESCRIPTORS



# LVN Example Aircraft Operations







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# Reliever Airports:      **NOISE ABATEMENT PLAN**

## **Airlake Airport (LVN)**

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### **INTRODUCTION**

#### **The Importance of Flying Neighborly**

The effective, efficient and safe operation of Airlake Airport (LVN) is the primary concern of the Metropolitan Airports Commission (MAC). Airport capital improvements are also a topic of great importance for the MAC and the users of LVN. As we are all aware, such programs must be pursued with environmental issues as part of the process. With the above in mind, the relationships between airports and the communities in which they reside are a critical part of airport operations.

The issue of aircraft noise is, and continues to be, one of the most significant impediments to airport development. It is imperative to operate at LVN in a manner that serves the needs of the users while imposing the least amount of impact on the community in which the airport resides.

In an effort to promote the safe, efficient and environmentally friendly operation of Airlake Airport, the MAC recommends that aircraft operators fly in a manner that is considerate of the communities within the vicinity of LVN. In addition, the MAC recommends use of a few simple Noise Abatement Procedures to help minimize the aircraft noise impacts around Airlake Airport.



## Noise Abatement Takeoff and Approach Procedures

Noise abatement takeoff and landing procedures are the basis of many noise mitigation strategies. Takeoff and landing procedures encompass a number of alternatives including runway selection, takeoff and landing profiles and power settings, and approach or departure paths. Please use the following procedures when flying into or out of LVN:

- The calm wind runway shall be LVN Runway 30.
- All aircraft will attain the highest reasonable altitude and attempt to avoid overflying noise sensitive residential areas when departing Airlake Airport.
- An aircraft approaching to land on a runway served by a visual approach slope indicator or precision approach slope indicator shall maintain an altitude at or above the glide slope until a lower altitude is necessary for a safe landing.

- Whenever possible, all general aviation turbine aircraft shall use National Business Aircraft Association Noise Abatement Procedures when arriving to or departing from the airport.
- For noise abatement, all pilots should refer to the Pilots Operating Manual for their aircraft to determine recommended operation procedures designed to reduce community noise impacts. During departures from or approaches to the airport, climb after takeoff and descent for landing should be made so as to avoid prolonged flight at low altitude.
- When departing in aircraft equipped with variable pitch propellers reduce manifold pressure and engine RPM as soon as practical after takeoff.

## Why Should I Read This?

We know you care about the future of aviation and the MAC cares about it too. This means that we have taken a proactive stance on environmental issues that may some day restrict your use of our airports. By working together with our surrounding communities, we can run a successful airport for you and be a good neighbor too. So do your part. This Noise Abatement Plan is intended to convey basic noise abatement procedures for use at LVN. More information about the MAC and its system of seven airports can be found online at: [www.macnoise.com](http://www.macnoise.com).

Cooperation makes us more than a successful airport; it makes us a good neighbor!

# Airlake Airport Tour Discussion



# Schedule Airlake Airport Tour

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## AUGUST

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## OCTOBER

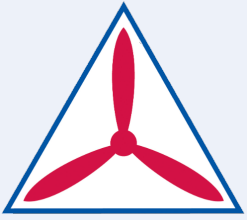
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## DECEMBER

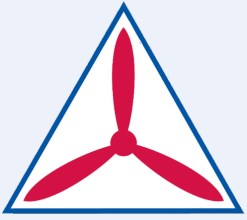
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# Civil Air Patrol

Maj Tom Fitzhenry  
DOS,DOU,CD

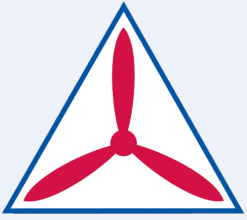
9 March 2023



# Members



- National Cadet Count: 26083
- National Senior Count: 35083
- Total 61, 166
  
- MN Wing
- Cadets 689
- Seniors 833
- Total 1522

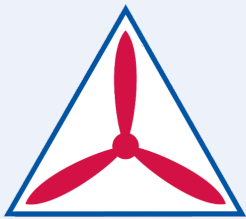


# Aircraft



- Nationally
  - 560 Fixed wing
  - 3,000 drones
  - 54 gliders
  - 2 hot air balloons
- 
- Minnesota
  - 17 Cessna Aircraft
  - 1 Glider
  - 25 drones



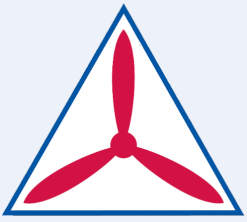


# What is the Civil Air Patrol?



- Since Civil Air Patrol's formation during the earliest days of World War II, this vigilant organization of citizen Airmen has been committed to service to America. Founded on **Dec. 1, 1941**, to mobilize the nation's civilian aviation resources for national defense service, CAP has evolved into a premier public service organization that still carries out emergency service missions when needed — in the air and on the ground.
- As a Total Force partner and auxiliary of the U.S. Air Force, Civil Air Patrol is there to search for and find the lost, provide comfort in times of disaster and work to keep the homeland safe. Its **56,000** members selflessly devote their time, energy, and expertise toward the well-being of their communities, while also promoting aviation and related fields through aerospace/STEM education and helping shape future leaders through CAP's cadet program.
- Civil Air Patrol's missions for America are many, and today's adults and cadets perform their duties with the same vigilance as its founding members — preserving CAP's 80-year legacy of service while maintaining its commitment to nearly 1,500 communities nationwide.



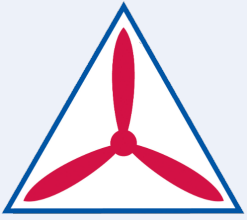


# Missions



## ✈️ **New Millennium/2001-Now**

The terrorist attacks of Sept. 11, 2001, ushered CAP into a new era of homeland defense. The following day, a CAP Cessna 172, the only nonmilitary aircraft allowed in the nation's airspace, provided emergency management officials the first high-resolution images of the World Trade Center site. Nationwide, CAP volunteers transported blood and medical supplies, provided communication and transportation support and assisted state and federal officials.



# Missions



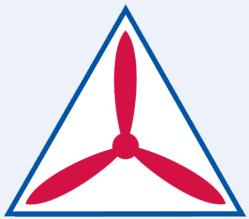
## → Search & Rescue

- CAP conducts over 85% of the inland search & rescues
- CAP aircraft have specialized equipment for tracking beacons.
- CAP has a cell phone forensic teams to locate lost person.
- Conduct searched for overdue & missing aircraft.
- Track down ELTs

## → Disaster Recovery

- Flights for damage & infrastructure assessments.
- Photo missions.
- Transport mission. COVID 19 vaccines, PPE, and medical personal.

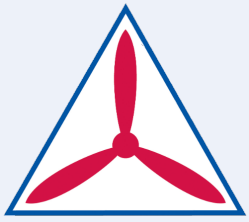




# Missions



- Educational flights.
- Flood watch.
- Fire Watch.
- Military support missions. (Intercepts)
- Communications
  - Can support & fly missions during that BAD DAY.
  - Largest VHF network.
  - HF network.
  - Airborne repeaters.

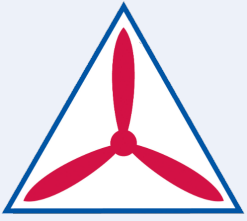


# sUAS



Largest sUAS operator in the world.  
Over 3,000 registered drones.  
Provides STEM kits and sUAS training to all members.  
Supports FEMA missions.  
Supports Law Enforcement Emergency management.

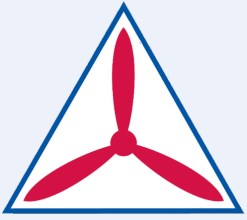




# Membership



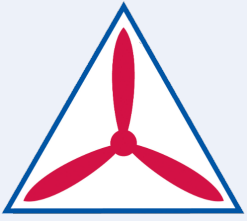
- Cadets 12 years of age up to 18yrs.
  - Cadets enjoy free flight instructors.
  - They pay for fuel and \$29 per hour for AC rental.
  - If they have the Mitchell, they can enter the military at E3.
  - Front of the line for Military appointments.
  
- Seniors ages 18 and older.
  - Senior pilots enjoy free flight instructors.
  - Many funded flights ( Missions & Training )
  - Seniors can rent the aircraft also.
  - Enjoy advance training and Air Force Courses.



# CAP presence with MAC



- KLVN ,Airlake – 130<sup>th</sup> composite squadron
- 21D ,Lake Elmo St Croix squadron
- KANE, Anoka County, Anoka squadron
- KFCM, Flying Cloud, Viking squadron
- KMIC, Crystal Airport, North Hennepin ( Oldest squadron)

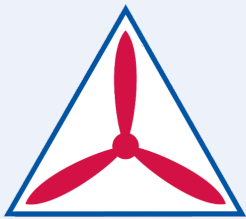


# Cadet Flight training



- Each cadet is eligible for 5 powered flights and 5 glider flight. **No charge.**
- Cadets above age 14 can solo a glider. **Instructors are free.**
- Cadets above 16 can solo a powered aircraft. **Instructors are free.**
  - Once they have soloed, they can apply for Cadet Wings.
  - Cadet Wings pays for private pilot training.



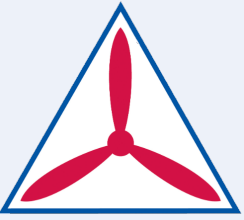


# The Value of Civil Air Patrol



- \$197M Value  
Volunteer Service to the Nation
- 92K  
Flight Hours
- 1,060 vehicles
- 130 Lives Saved  
Nationwide
- Conservatively returning \$3 in value  
for every \$1 spent, CAP provides  
unequaled value to our communities,  
state, and nation as a force for good

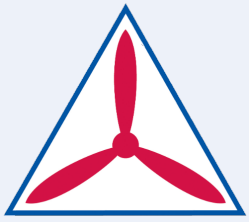




# Civil Air Patrol



Citizens Serving Communities



Our Mascot Gus.





# ALAAC Member Comments & Announcements

# ALAAC 2023 Meeting Dates

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Thank you!

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