



**Lake Elmo Airport**  
**ADVISORY COMMISSION**  
LEAAC

# Regular Meeting

February 9, 2026



# Goal & Purpose of LEAAC

## Advise/Recommend/Engage

We will work on ways to engage the neighbors who live and work in the surrounding communities to:

- Show the value of the airport to the community
- Maximize the positive educational, recreational, and economic aspects
- Use the airport and airport events to create community with the airport users and neighbors



## Communication/Coordination

We will monitor what is happening at and around the airport and advise the MAC on how to best respond

- Noise and operations
- Development
- Other community interests



## Education/Orientation

We will educate the LEAAC, MAC staff, and public attendees on airport operations, the users and the surrounding committees

- Airport operations
- Who uses this specific airport
- Who lives around this specific airport
- The various roles of operating and regulating organizations (e.g., MAC, FAA, USDA, MNDOT, etc.)



# Agenda



## 1. Welcome & Introductions

## 2. Consent Items

## 3. Public Comment

## 4. Business

- Public Co-Chair Election
- Updates on School Outreach Follow-up
- Airport Tour/ Viewing Area Open House

## 5. Information

- Stakeholder Spotlight
- MAC Update
- Airport Manager Update
- Upcoming Development & Events Around Airport

## 6. Member Announcements

## 7. Review 2026 Meeting Schedule



# Welcome & Introductions





**Lake Elmo Airport**  
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# Consent



# Approval of Meeting Minutes: December 1, 2025



# Public Comment

Members of the public are welcome to share their remarks with the Commission.

**Please state your name and address for the record**

Limit remarks to 3 minutes





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# Business



# Public Co-Chair Elections



# Role of Co-Chairs:

The representatives shall elect by majority vote from membership present (in-person or through use of virtual collaboration tool) at the time of voting two (2) chairpersons; one (1) from the PUBLIC REPRESENTATIVE constituency and one (1) from the USER REPRESENTATIVE constituency. The chairpersons will alternate conducting chairperson duties from one meeting to the next. The Chairpersons shall serve for a two (2) year term or until his/her representation on the Commission terminates, whichever occurs first. The powers and duties of the Chairpersons are as follows:  
To preside at all meetings of the Commission, including establishing meeting agendas.

- To call special meetings of the Commission as he/she deems necessary.
- 
- To form a temporary committee, if needed, and appoint its members to serve within the term of the appointing Co-Chairperson.
- 
- To sign as Chairpersons of this Commission, with the approval of the membership, certifications and other papers and instruments in writing that may require such signature.
- 
- To perform such other duties and tasks as these Bylaws or as the membership shall from time to time prescribe.



# Nominations for Public Co-Chair

Public Membership Voting Only



# Updates on School Outreach Follow-up



# Airport Tour / Open House for Viewing Area





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# Information



# Stakeholder Spotlight





**CIVIL AIR PATROL**  
U.S. AIR FORCE AUXILIARY

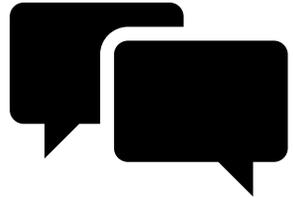
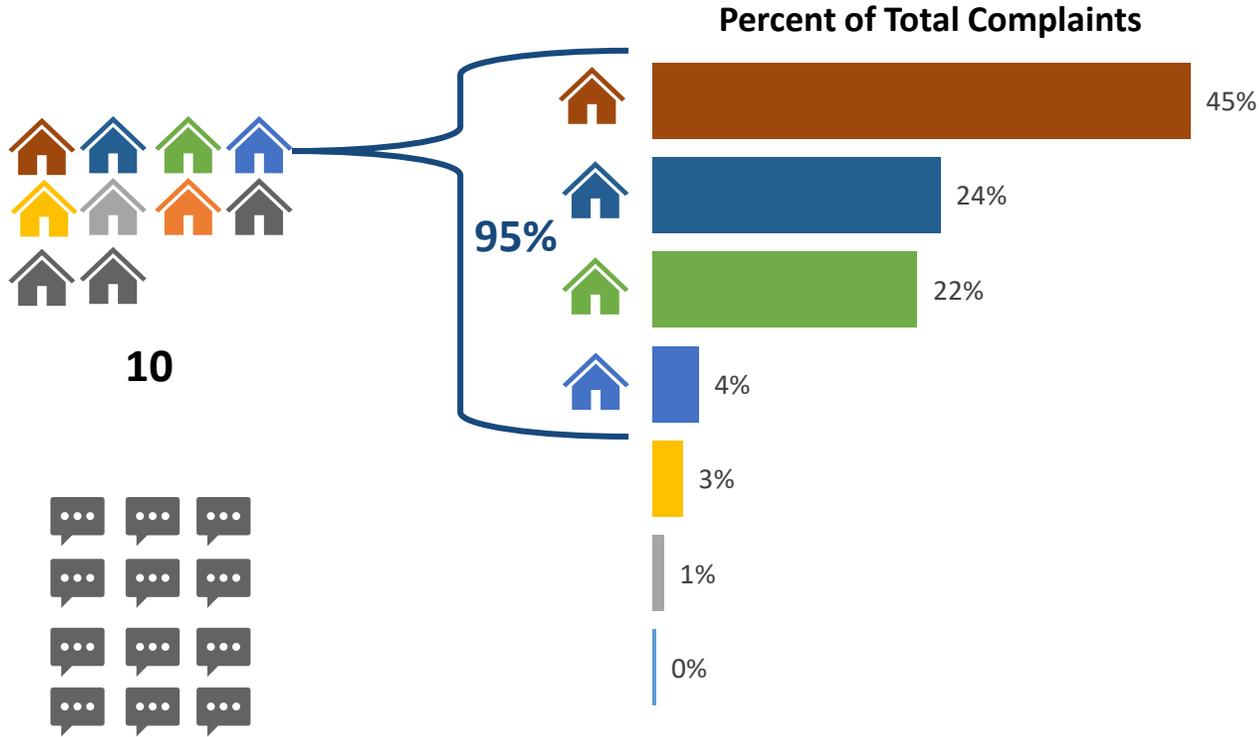
# MAC Update



# 21D Total Households, Total Complaints, and Total Operations - 4Q



Households



Complaints



1,133

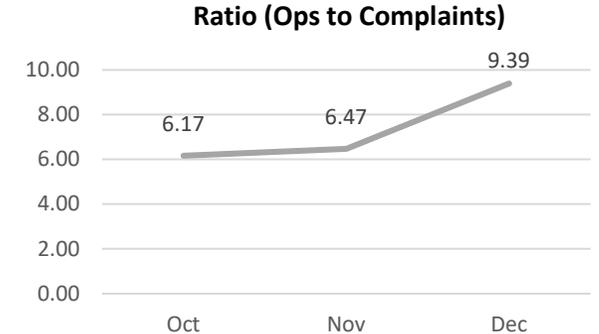
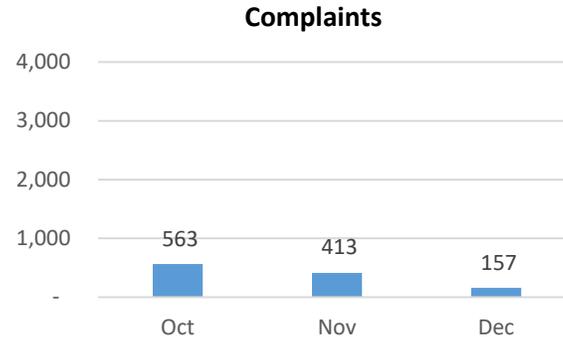
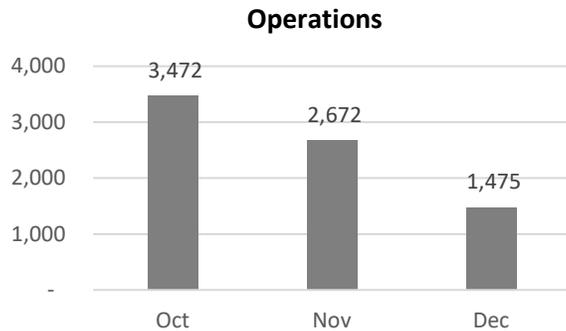
New Households since January 2025



1



Operations & Complaints



# Airport Manager Update



# 1. New Equipment Building



# 2. Gazebo: Signage and Radio



### 3. Crew Update



### 4. Winter Update

- Snow Totals:
  - 2026 Year-To-Date = 29.6 inches
  - 5-Year Average = 49.6 inches
- Equipment:
  - Tractor Broom Hydraulics
  - Toolcat Attachment Plate
- 1 Closure: Icing on Runway

#### Twin Cities Snow Fall Totals

Season	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season
2025-2026	0.0	T	0.0	0.0	7.8	16.0	4.1	1.7*	M	M	M	M	M
2024-2025	0.0	0.0	0.0	0.2	0.9	7.0	1.7	6.3	11.2	2.1	0.0	0.0	29.4
2023-2024	0.0	T	0.0	2.7	0.5	2.1	2.0	7.0	15.2	T	T	0.0	29.5
2022-2023	0.0	0.0	0.0	0.4	13.0	19.8	22.3	15.5	15.5	3.8	0.0	0.0	90.3
2021-2022	0.0	0.0	0.0	0.0	1.2	21.5	10.5	10.3	5.1	1.6	T	0.0	50.2
2020-2021	0.0	T	0.0	9.3	8.8	12.4	7.8	5.9	4.0	0.5	0.0	0.0	48.7



# 2026 Construction

## Runway 4/22 Reconstruction

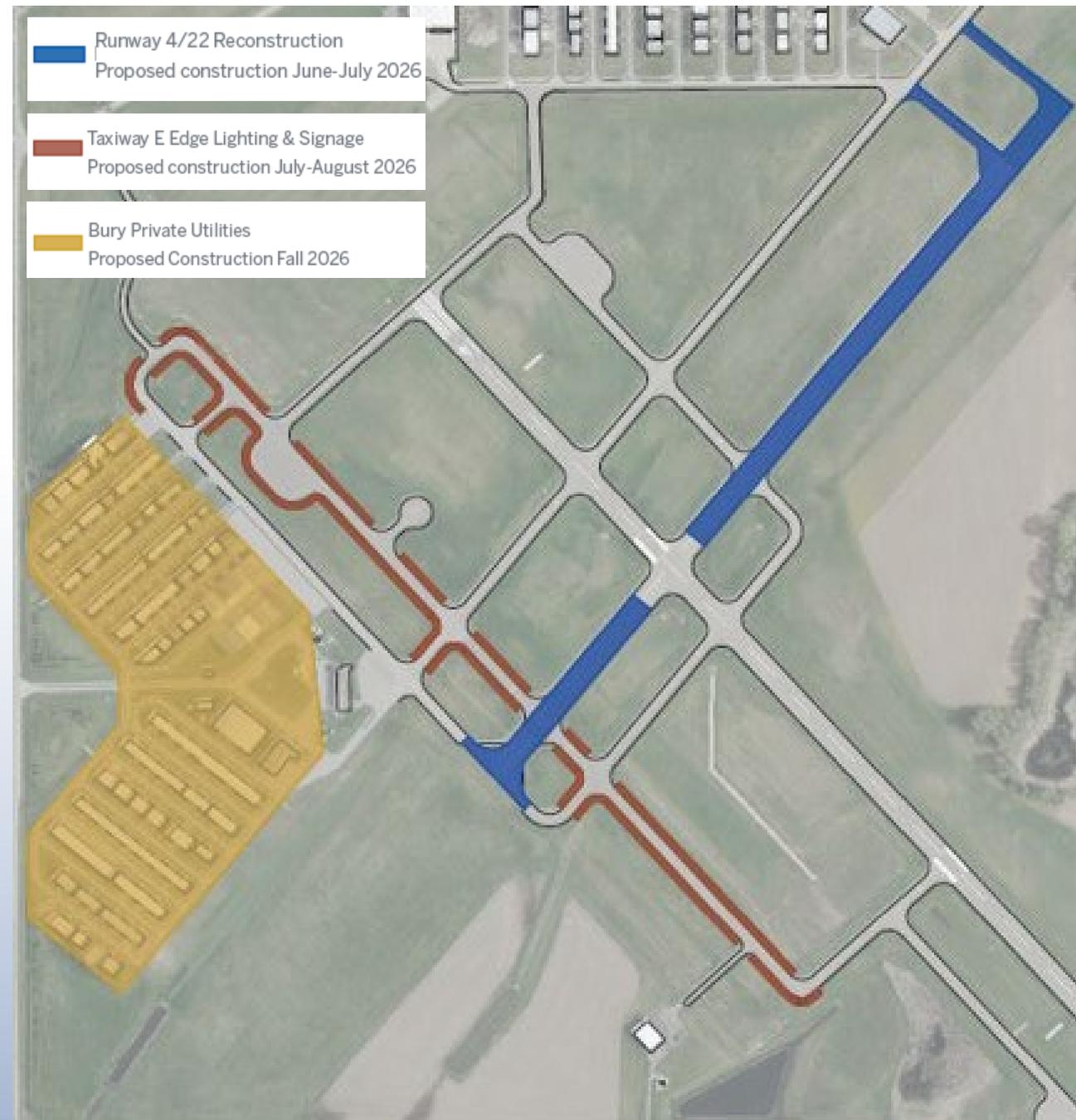
The Runway 4/22 Reconstruction Project includes a 254-foot extension of the runway. Additionally, the project includes installation of runway edge lighting, Precision Approach Path Indicators (PAPIs) and Runway End Identifier Lights (REILs). Key construction elements involve the removal of existing pavement, grading, installation of new bituminous pavement and markings, and turf restoration. **(Proposed June-July 2026)**

## Taxiway E Edge Lighting & Signage

Taxiway E is the parallel to the primary Runway 14/32. This project includes the addition of LED taxiway edge lighting and signage along the full length of Taxiway E. **(Proposed July-August 2026)**

## Private Utilities Burial

This project will focus on removal of the overhead powerlines in the south building area. Replacing the overhead lines with buried underground line and converting the electrical services affecting the associated hangars. **(Proposed Fall 2026)**



# Upcoming Development & Events Around Lake Elmo Airport





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# Member Announcements





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# Review

# 2026 Meeting Schedule



# 2026 LEAAC Meeting Dates:

May							June							July							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2		1	2	3	4	5	6				1	2	3	4							1
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29
31																					30	31					
September							October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5					1	2	3	1	2	3	4	5	6	7			1	2	3	4	5
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26
27	28	29	30				25	26	27	28	29	30	31	29	30						27	28	29	30	31		



**Thank you!**



**Break**  
**(5 min.)**



**Lake Elmo Airport**  
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**Educational Session #3**  
**Stakeholders and**  
**Common Issues and Solutions**



# Education Session Objectives

**Educate the Commission on who has a stake in the airport and typical concerns and solutions at general aviation airports like 21D**



# LEAAC Education Session Series

## Meeting 1: Airports and Regulatory Structure

Purpose: Educate the Commission on how airports are regulated and how 21D fits into that regulatory system

Topics:

1. Overview of Aviation
2. Overview of Local Aviation
3. Overview of 21D
4. Airport Regulators
5. Airport Funding & Economic Output

## Meeting 2: Aircraft and Flight Operations

Purpose: Educate the Commission on the basic principles of how aircraft work and standard flight operations at general aviation airports like 21D

Topics:

1. Fundamentals of Flight
2. Pilot certificates
3. Typical Aircraft
4. Towered and Non-Towered Airport Traffic
5. 21D Specific Operations

## Meeting 3: Stakeholders and Common Issues and Solutions

Purpose: Educate the Commission on who has a stake in the airport and typical concerns and solutions at general aviation airports like 21D

Topics:

1. Stakeholders
2. Concerns: Noise, Environmental and Safety
3. Solutions: NAP, Engagement, Regulations, Pilot in Command
4. 21D Specific Stakeholders Issues and Solutions



# Session 3: Outline

## Topics:

- Stakeholders
- Concerns: Noise, Environmental and Safety
- Solutions: NAP, Engagement, Regulations, Pilot in Command
- 21D Specific Stakeholders Issues and Solutions

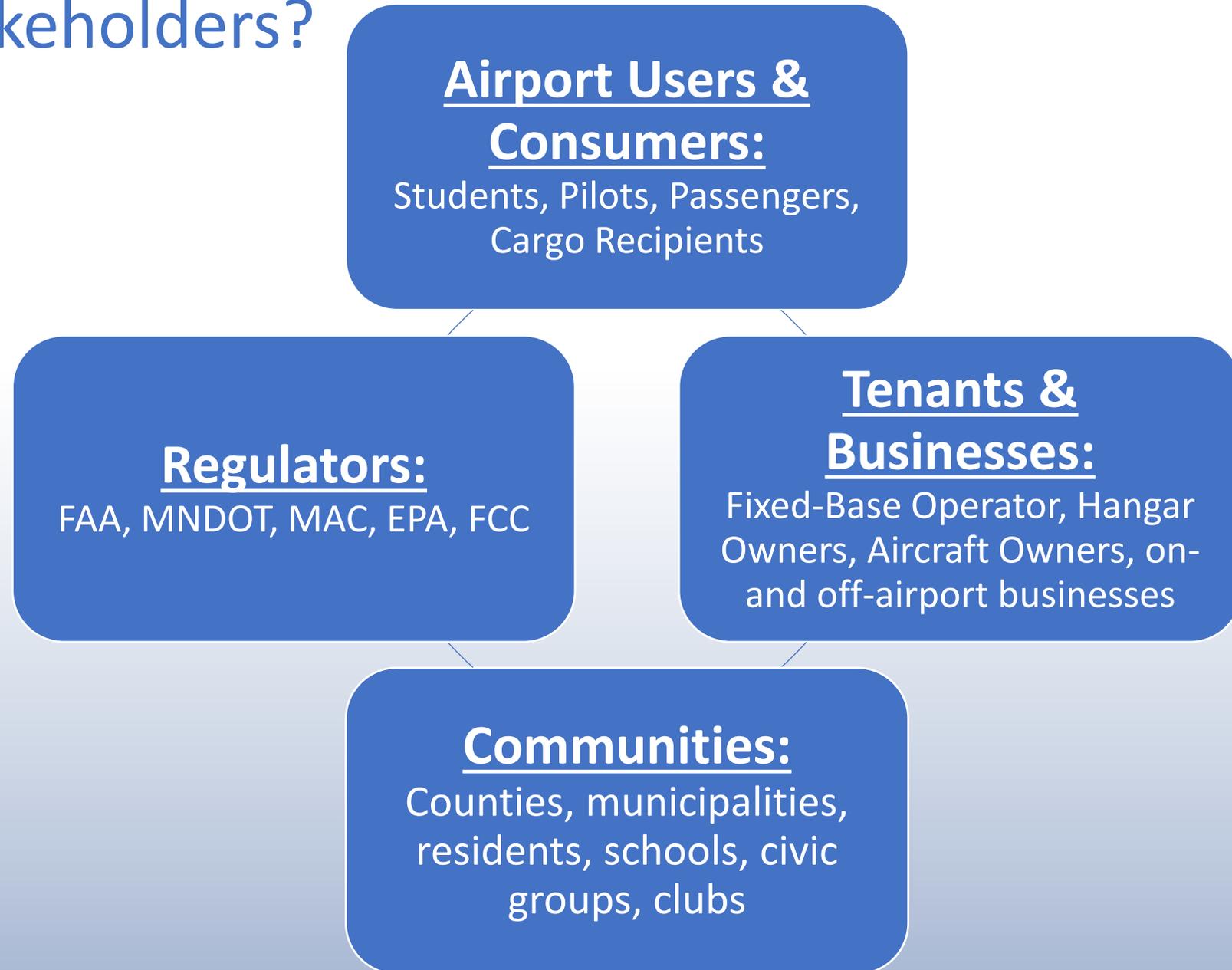


# 1. Airport Stakeholders



# Who are the 21D Stakeholders?

Airport stakeholders are public and private entities and people who have direct and indirect interests in the airport as a transportation utility, aviation resource, economic generator, and education center.



## 2. Airport-Related Concerns



# What are the Concerns at 21D?

Concerns related to Lake Elmo Airport generally fall under these three categories.

Federal regulations apply to each of these categories; however, local laws and MAC ordinances are applicable in addition to federal regulations.

Voluntary measures enhance safety when mandatory measures conflict with regulations.

**Aircraft**  
**Activity/Noise:**  
Noise Abatement  
Recommended Practices

**Environmental:**  
Fuel, Emissions, Water

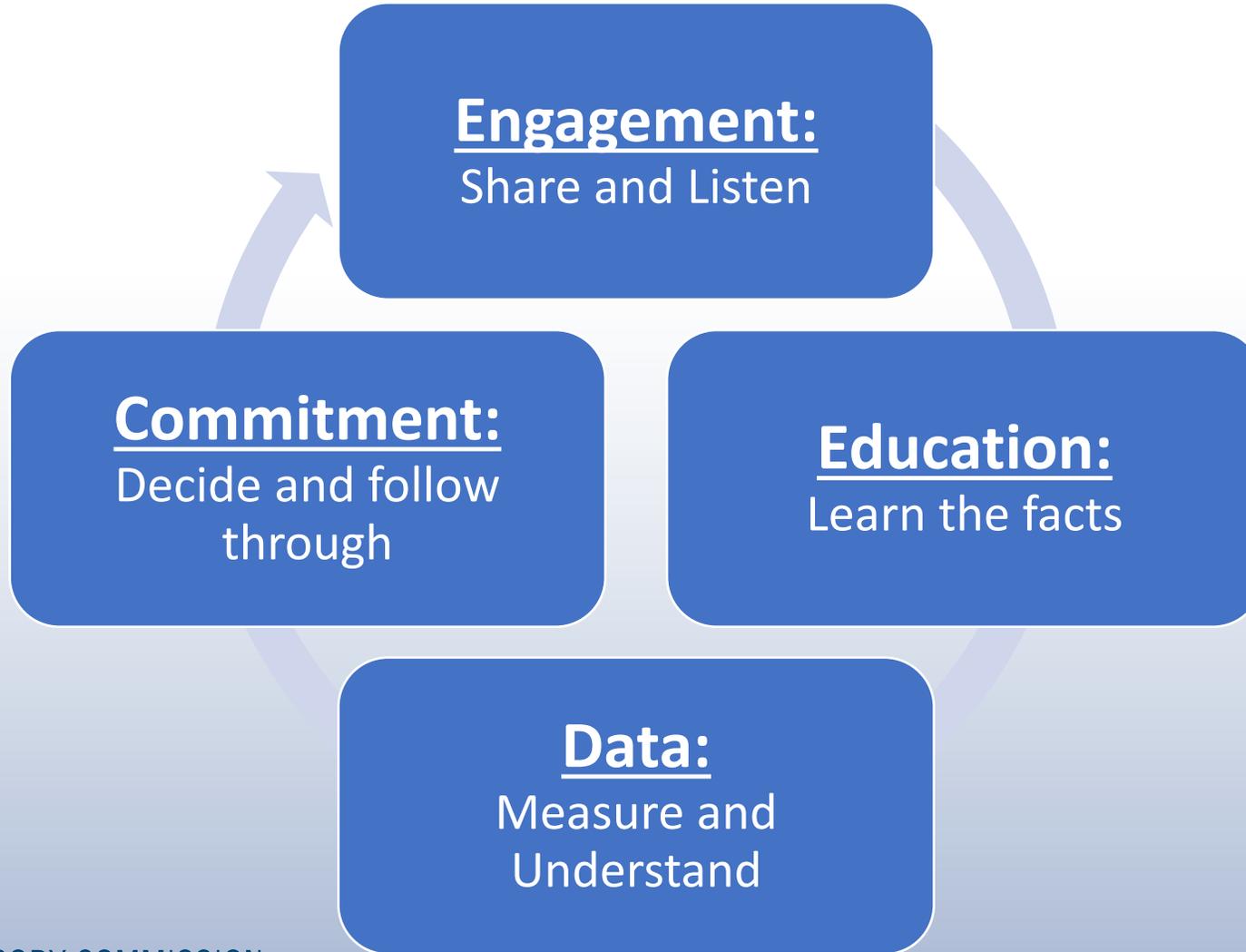
**Safety:**  
Aircraft Operations,  
Surfaces, Airfield  
Surfaces & Lighting,  
Access Management



# 3. Solutions



# What are the Solutions at 21D?



# What are the Solutions at 21D?

- **Relationships** Build strong relationships across stakeholder groups to foster trust, communication, and shared understanding.
- **Data** Use data to inform decisions — monitoring helps identify trends, and when activity falls outside the norm, LEAAC, the MAC, and regulators can engage appropriately.
- **Noise** Regulations, along with collaborative and voluntary noise-abatement practices, help reduce impacts on surrounding communities.
- **Environmental** Regulations, monitoring, and enforcement protect environmental resources, airport users, and nearby communities.
- **Safety** Regulations, training, monitoring, and enforcement ensure safe operations for pilots, airport users, and the public.



## 4. Stakeholder Role in Solutions at 21D



# How do 21D Stakeholders Participate?

## • Informal



- Community events create opportunities for relationship-building, discussion, and shared understanding (e.g., *EAA Pancake Breakfast, Lake Elmo Aero Open House*)
- Airport user clubs and on-airport businesses foster participation, collaboration, and a sense of shared ownership

## • Formal



- **LEAAC** provides a structured forum for collaboration and problem-solving
- **Laws and regulations** establish clear expectations and boundaries for airport operations
- **Local land use planning and zoning** play a critical role in managing compatibility between the airport and surrounding development
- **Education sessions** support informed participation and dialogue
- **MAC tools, data, and reports** provide transparency and fact-based decision-making



# Examples of Achievements at 21D



Engaging the community with a viewing area for gathering; information about aviation to build understanding; and sharing messages to encourage positive actions.



## Lake Elmo Airport (21D) Fly Neighborly Guide

**1. TAKEOFF AND APPROACH**

- A. Runway 32 is the preferred runway.
- B. Runway Prioritization (particularly during nighttime hours): 32, 14, 22, 4
- C. Arrivals: follow Precision Approach Path Indicator (PAPI) glide slope until a lower altitude is necessary for a safe landing.
- D. Use guidance published by FAA, NBAA, AOPA when arriving to or departing from the airport.
  - [FAA AC 90-66C Non-Towered Airport Flight Operations](#)
  - [FAA AC 91-36D - Visual Flight Rules \(VFR\) Flight Near Noise-Sensitive Areas](#)
  - [NBAA Noise Abatement Program](#)
  - [AOPA Noise Awareness Steps](#)
- E. Turbine-powered aircraft and itinerant aircraft, depart Runways 32 or 14, fly runway heading and turn to a northerly heading after attaining an altitude within 300 feet of traffic pattern altitude.

**2. TRAFFIC PATTERN (Left Turns)**

- A. Fly aircraft at the airport traffic pattern altitude:
  - Turbine-powered aircraft: 1,500 feet agl (2433 msl)
  - Propeller-driven aircraft: 1,000 feet agl (1933 msl)
- B. Avoid multiple training events by turbine-powered aircraft in the airport traffic pattern.
- C. Keep traffic pattern legs as short as possible and close to the airport without risking safety.
- D. Use the full length of runway for arrivals and departures: avoid stop and go operations and avoid intersection takeoffs.
- E. Avoid repetitive activity over residences, including flight training activities.
- F. When departing the traffic pattern, choose a path that avoids overflying residential areas if practical.

**3. MAINTENANCE RUN-UPS**

- A. Use designated areas (see map) to conduct all engine tests and maintenance run-ups in excess of 5-minutes. Pre-departure Run-ups may be conducted in other areas.
- B. Avoid engine tests and maintenance run-ups during nighttime hours.

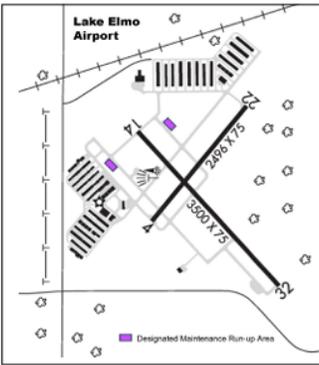
**4. HELICOPTER TRAINING**

- A. Avoid helicopter training in the traffic pattern during nighttime hours.
- B. Avoid hovering for extended durations in the vicinity of residential areas.
- C. Avoid repetitive activity over the same neighborhoods.

**5. NIGHTTIME OPERATIONS (2200-0700)**

- A. Avoid operating aircraft during nighttime hours.
- B. Avoid nighttime currency operations and flight training in the traffic pattern after 2400 local time.
- C. Avoid intersection takeoffs and stop and go operations.
- D. Avoid low-level flyovers at the airport.

If you have questions, please contact the airport manager at **763-717-0001**



# ATTENTION PILOTS

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## PLEASE FLY NEIGHBORLY HELP REDUCE AIRCRAFT NOISE



# More Achievements at 21D

## Active Experimental Aircraft Association

- Active and well-run volunteer-based local chapter that promotes aviation safety.
- Hosts monthly meetings, education sessions, discovery flights, and pilot mentoring.
- Sponsors a large pancake breakfast.

## Well-Functioning LEAAC

- Active participation in quarterly meetings.
- Well-attended, public discussions to discuss topics concerning 21D.
- Collaborative work plans, including noise abatement.

## Vibrant and Growing Flight School and FBO

- Expanded education and career opportunities for future pilots.
- Job and economic generator with growing maintenance and flight school programs.
- Quality aviation resource for aviators and non-aviators.



# Summary and Questions

## Today's Education Session: **Stakeholders and Common Issues and Solutions**

*“Educate the Commission on who has a stake in the airport and typical concerns and solutions at general aviation airports like 21D ”*

Topics for Future Education Sessions?



**Thank  
you!**

