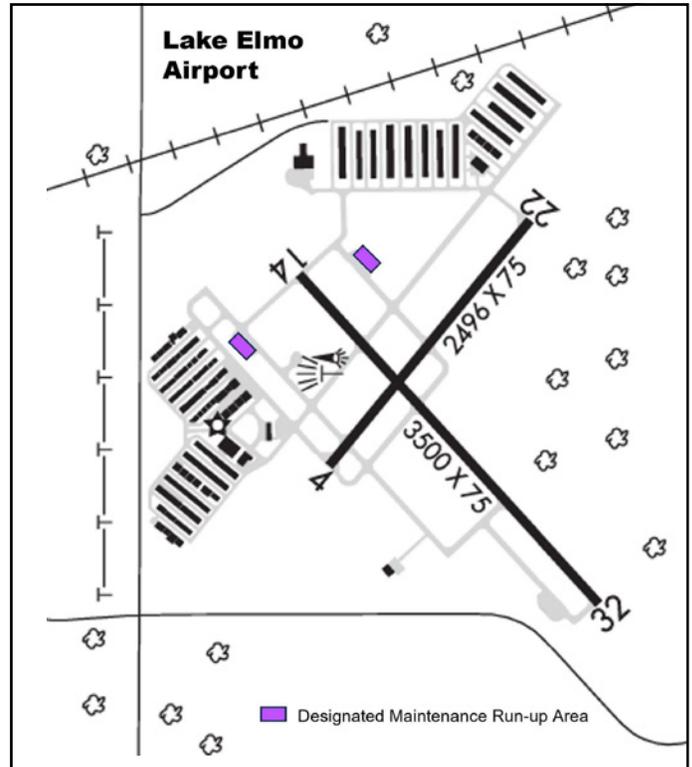




# Lake Elmo Airport (21D) Fly Neighborly Guide

## 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)
  - Propellor-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**