

UAS TRAINING PROGRAM

NEMCo provides a comprehensive training program for UAS operations. Volunteers may choose to work in one or several operational areas based on their interest and level of engagement.

Flight Operations Training

- UAS Operations
- UAS Ground Operations
- UAS Air Operations
- UAS Flight Operations
- UAS Data & Security Operations
- Field Communication Operations
- Tactical Communications
- Photo and Video Editing/Processing
- UAS Team Leadership
- UAS Team Trainer

UAS Pilot Training

- UAS Student Pilot
- FAA Part 107 Prep
- UAS Air Frame Ratings
- UAS Emergency Procedures
- UAS Flight Plan, Procedures and Authorizations
- Preprogrammed Mission Planning
- Photos / Videos
- Situational Awareness Mission
- Damage Assessment Mission
- Infrastructure Inspection
- Missing Person Search
- 2D Mapping
- Night Flight Operations
- Aerial 3D Modeling
- Confined Space Operations
- Thermal Imagery

OPEN TO THE COMMUNITY

The NEMCo UAS program is open to the community and all NEMCo Volunteers. Training is provided at no charge to volunteers aged 15 and over. Students may receive school credit for their volunteer time and completed classes. You will be required to complete a CERT basic class or obtain an Amateur Radio license to join NEMCo.

For more information, visit:

www.northshoreEMC.com/droneprogram

MEETINGS & TRAINING:

Meetings:

When: First Thursday of the month

- 6:00 - 6:45 pm: Drone Leadership
- 7:00 - 8:30 pm: Drone General Meeting

Where: Fire Station, 517220 NE 181st St, Kenmore, WA 98028

All are welcome. Minors who want to participate in the drone program are welcome with parents' permission.

Training:

Training is offered throughout the year. Scan the QR Code below to get on the notification list.

**SCAN
ME FOR
UPCOMING
NOTIFICATIONS**



DRONE PROGRAM



What is NEMCo?

NEMCo is a partnership among the cities of Kenmore and Lake Forest Park and the Shoreline Fire Department. Its purpose is to enhance the emergency preparedness of each participating agency by engaging the entire community to prevent, protect against, mitigate, respond to, and recover from all types of emergencies and disasters through education and volunteer coordination.

SPONSORED BY:



NEMCO DRONE TEAM



The NEMCo drone team uses the term "Squirrel" to identify its Unmanned Aerial Systems (UAS) or drones. When UAS teams are training or deployed, they are assigned the radio call sign "Squirrel" followed by a number. This allows for quick identification and effective notification to field teams when air operations are taking place.



The NEMCo Drone Team Urban Search training develops test pilots skills in identifying targets and communicating GPS coordinates to the ground search teams.

The Northshore Emergency Management Coalition (NEMCo) launched a community volunteer training program in Emergency Response Drone Operations in July 2023. As the first comprehensive emergency management drone program in Washington State, this specialized team is tasked through NEMCo's Emergency Manager with providing first responders, cities, utility districts and local government agencies the resource of on-site aerial imagery for emergency management and incident response.

NEMCo's drone training is a comprehensive program that prepares community volunteers for deployment in ground, air, flight, and data operations. The training is based on national qualifications and Federal Aviation Administration (FAA) operational standards.

Program development is based on NEMCo partner agencies' needs. Current training includes aerial imagery, situational awareness, damage assessments, infrastructure inspection, mission persons search, mapping, payload deployment and 3D modeling. This program will also be coordinated with the CERT and RACES programs.

Interested individuals can participate in ground, air, flight, or data operations, with opportunities to specialize in one or more areas of interest.

NEMCo's training is free and equips team members with the skills needed to qualify for emergency response drone activities.



Team members receive ongoing training in skills required to achieve mission objectives



Pilots practice aircraft control to preform close up work for infrastructure inspection.



Flight and data teams work together to create 3D models of incident scenes.