



# Evanston Fire & Police Unmanned Aerial Vehicle (UAV) Program



**Fire Chief Brian Scott**  
**Police Chief Demitrous Cook**



# Our Goal

To develop a comprehensive public safety UAV program in alignment with the mission and goals of the Evanston Fire and Police Departments that will provide direct and effective support to public safety operations in a safe, responsible, and transparent manner.





# The Future is Now

Across the nation UAVs are becoming a common tool in the emergency services, with more agencies than ever using the technology to help keep both first responders and the public safe.





# UAV Applications

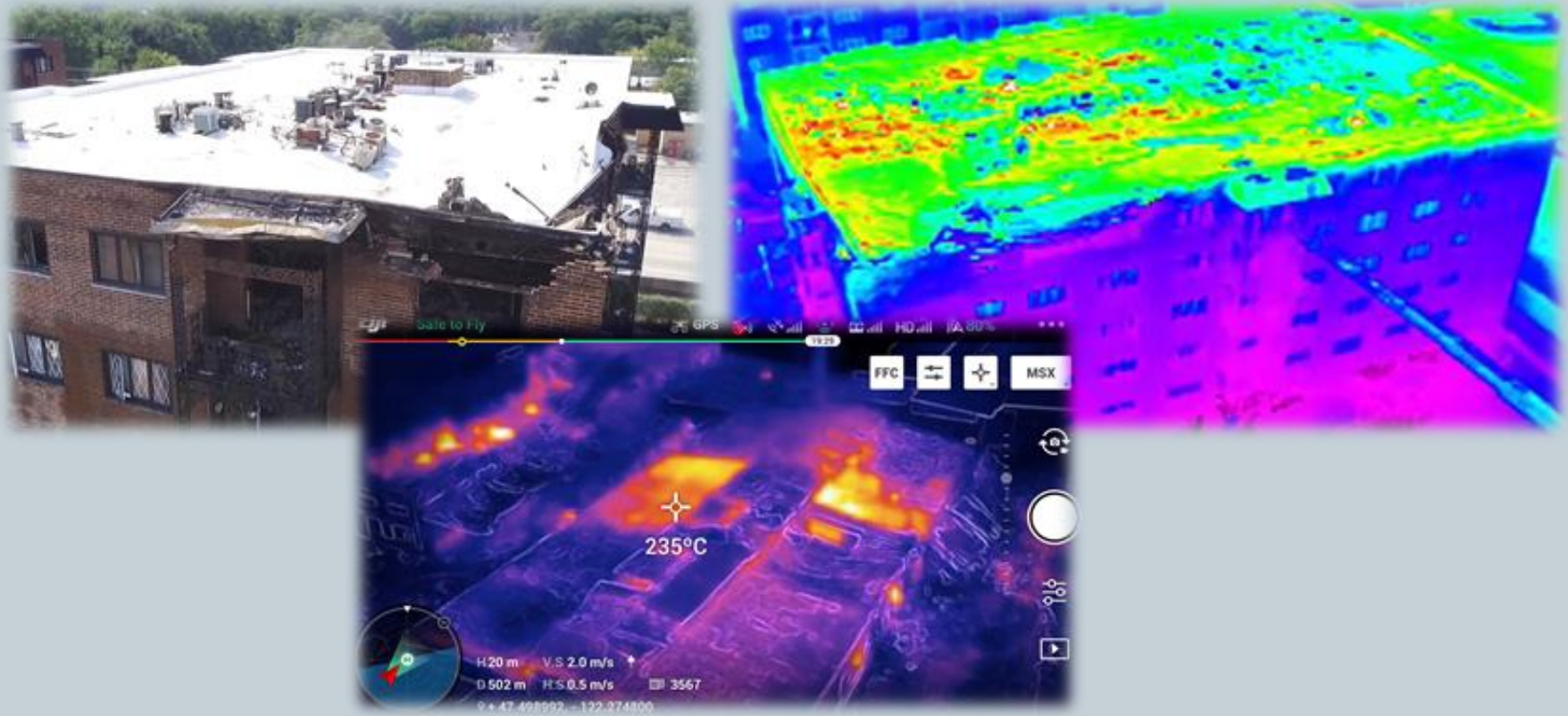
## Thermal Image Enhanced Search and Rescue





# UAV Applications

## Increased Operational Awareness





# UAV Applications

## Traffic and Crowd Management





# UAV Applications

## Natural Disaster Management





# UAV Applications

## Accident Reconstruction

## Post Fire Investigation







# Privacy

## UAV equipment **WILL** be used:

- In accordance with all constitutional and privacy rights including all federal, state and local laws including (725 ILCS 167/) Freedom from Drone Surveillance Act.

## UAV equipment will **NOT** be used:

- To conduct random surveillance activities.
- To target any person based solely on any individual characteristic such as race, ethnicity.
- To harass, intimidate or discriminate against any group.



# Training

Through a 2-day ground and flight school, all program pilots will comply with FAA's Part 107 rules for safe operation in the public space to receive their FAA Remote Pilot Certificate, including the FAA Certificate of Waiver/Authorization for public safety pilots.





# Cost

**No cost to the city in 2020.**

Equipment and training in year one will be fully funded through a Cook County UASI Grant





# Proposed Schedule

- Equipment purchase by **February 14, 2020**
- Training of personnel by **April 30, 2020**
- FAA authorization application by **May 15, 2020**
- EPD/EFD policy adoption by **May 31, 2020**
- Community outreach and program implementation by **June 31, 2020**



# Conclusion

The benefits of UAV use for public safety are numerous and significant and they will continue to be an integral part of any progressive public safety agency in the future.

We look forward to working with the community and elected officials in the development of the EFD/EPD UAV Program in 2020.