



# **MICHIGAN STATE POLICE AVIATION SECTION**

Lt. Pat Lawrence

# Class Outline



- Mission
- History
- Organization
- Section personnel
- Equipment
- Types of service
- How to request an aircraft
- Calls for Service

# Mission Statement

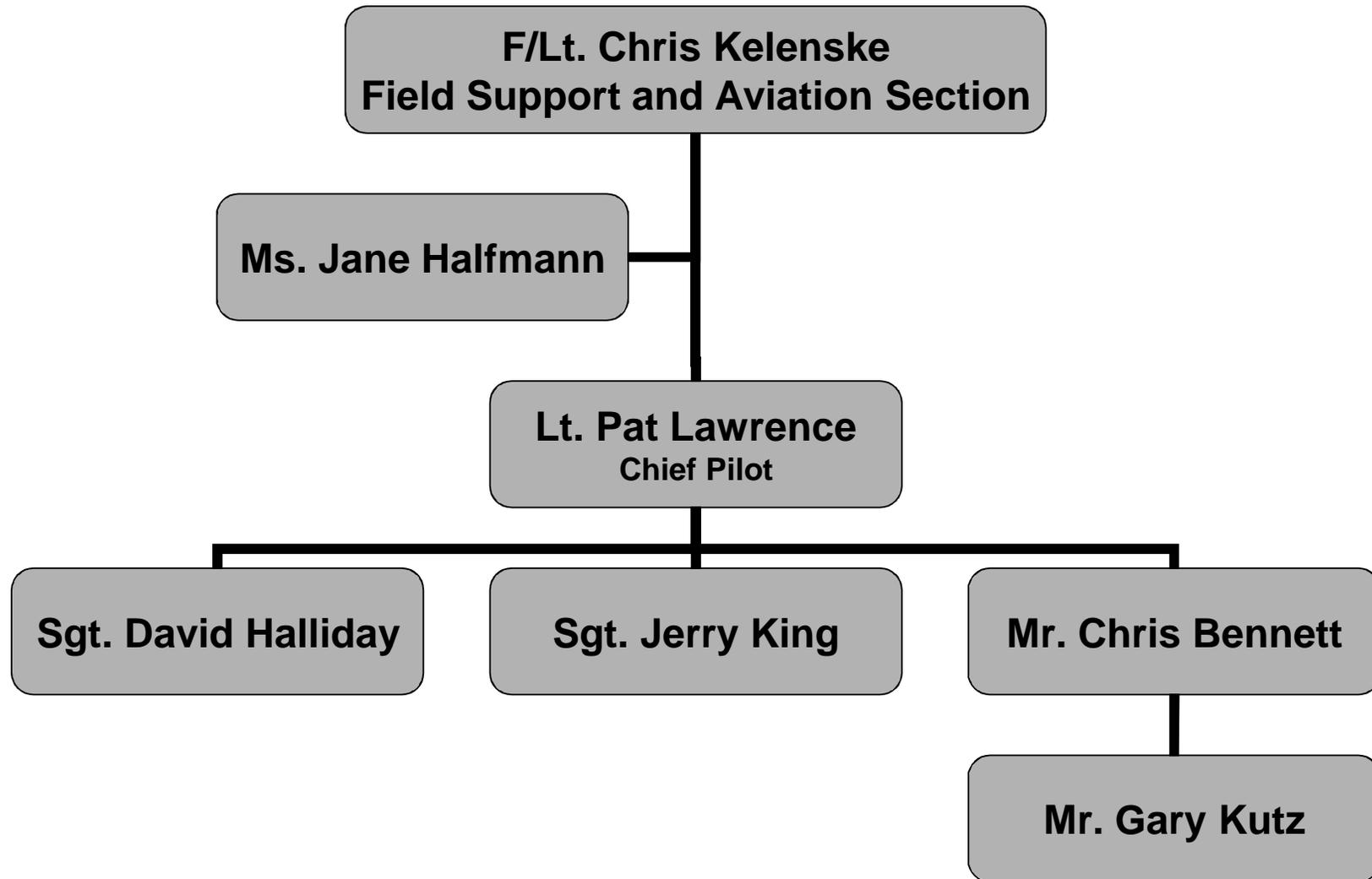


- The mission of the Aviation Section is to enhance the service provided by the Michigan State Police, federal and local law enforcement through day and night aerial surveillance, searches, and patrol flights.

# Established in 1939



# Aviation Section Personnel



# Official Order



- Official Order #97
- Must be used for official duties and functions
- Request for Aviation require Division/District approval
- Letter of understanding with the National Guard
- Intra-state prisoner relays normally restricted to felony prisoners (two officers in addition to pilot)

# Bell 430 – Trooper 1



- VFR/IFR capable
- Eight-place
- Gen IV FLIR
- Day TV
- Video downlink
- NiteSun
- Wulfsberg/800 MHz
- NVG Compatible
- Twin engine



# Bell Long Ranger – Trooper 2



- VFR
- Five-place
- Gen IV FLIR
- Day TV
- Video downlink
- NiteSun
- 800 MHz
- Wulfsberg Radio
- NVG compatible



# Cessna 182 – Trooper 3



- VFR
- Four-place
- Gen IV FLIR
- Day TV
- Tracking system
- Lojack
- 800 MHz
- Wulfsberg Radio

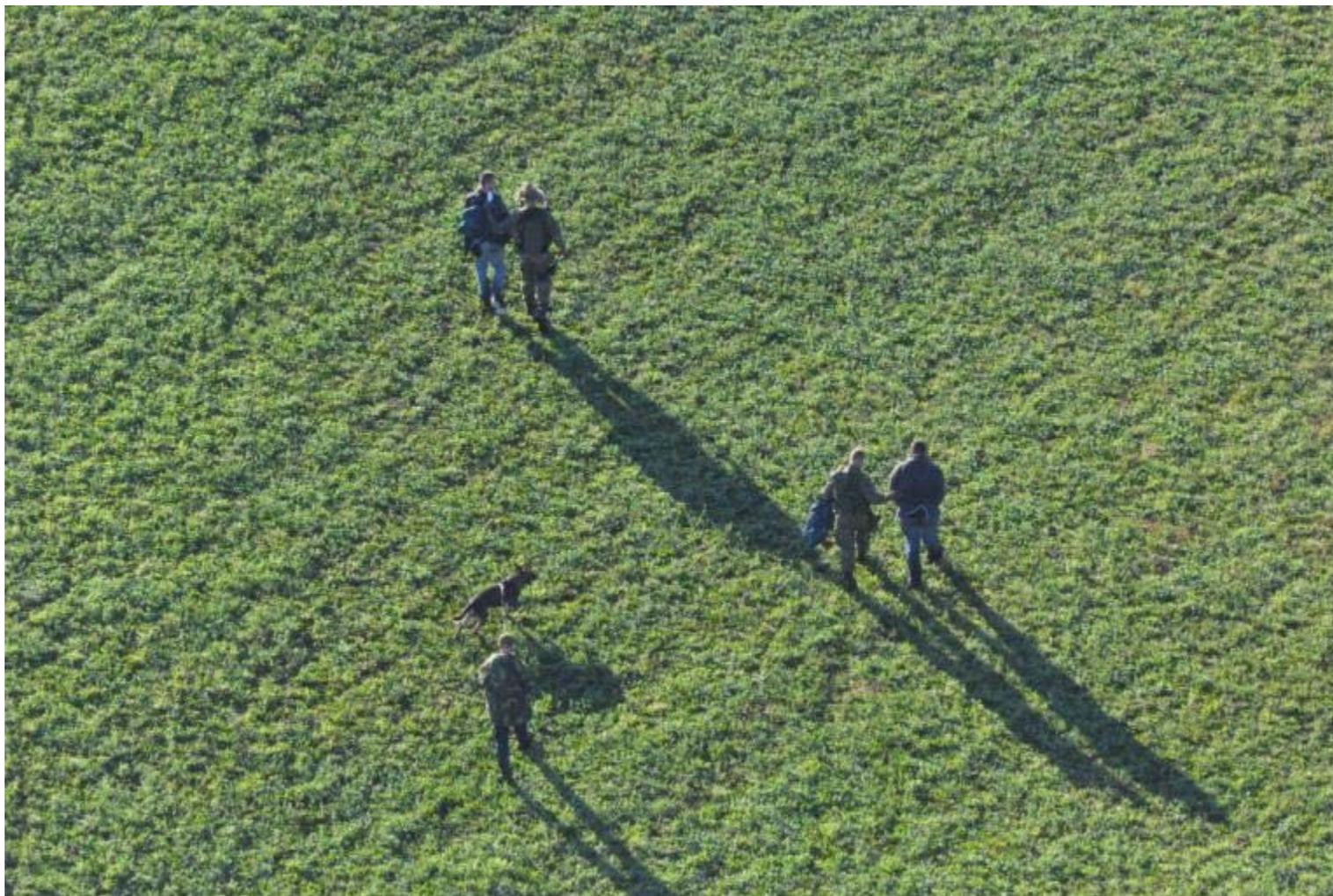


# Types of Service



- Search and Rescue
- Investigative Flights
- Traffic Enforcement
- Traffic Control
- Relays
- Security –  
POTUS/Border
- DCE/SP
- Aerial Observation
- SWAT Support
- MDOT - Photos
- DNR – Wildlife count
- Aerial Photography
  - Crime scene
  - Reconnaissance
- Thermal Imagery
- Surveillance & Tracking
- Transport
- Radio re-trans
- Training
- Secure Cities Initiative

# Fugitive Apprehension



# Border Patrol



# DCE/SP



# DCE/SP



# DCE/SP



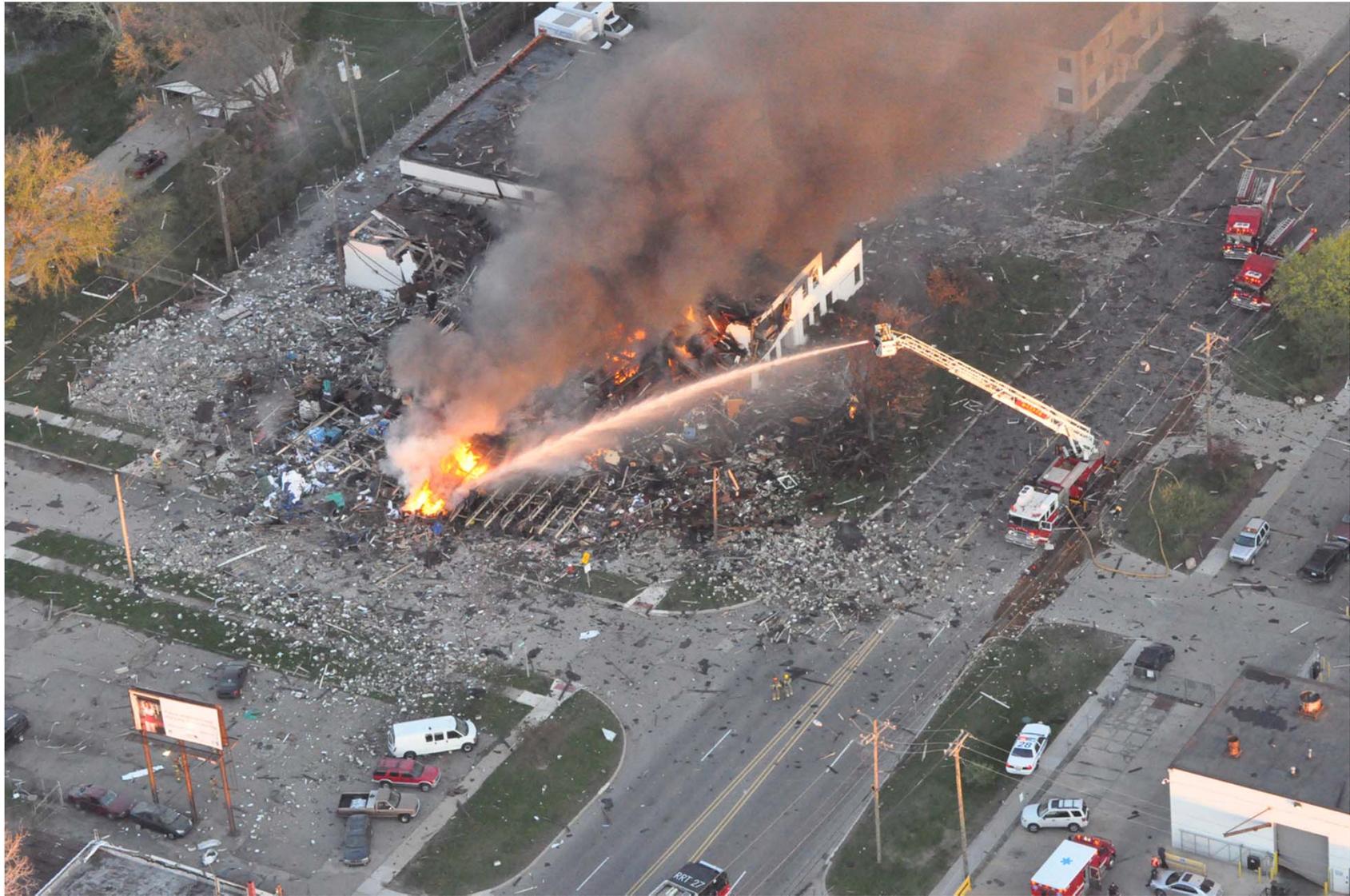
# DCE/SP



# Tanker Fire on I-75



# Warren Fire



# Thermal Imager Missions



- Searches for Suspects and Missing Subjects
  - Day & Night
- Indoor Grows
  - Search Warrant required
- Disturbed Earth
  - Search Warrant not required

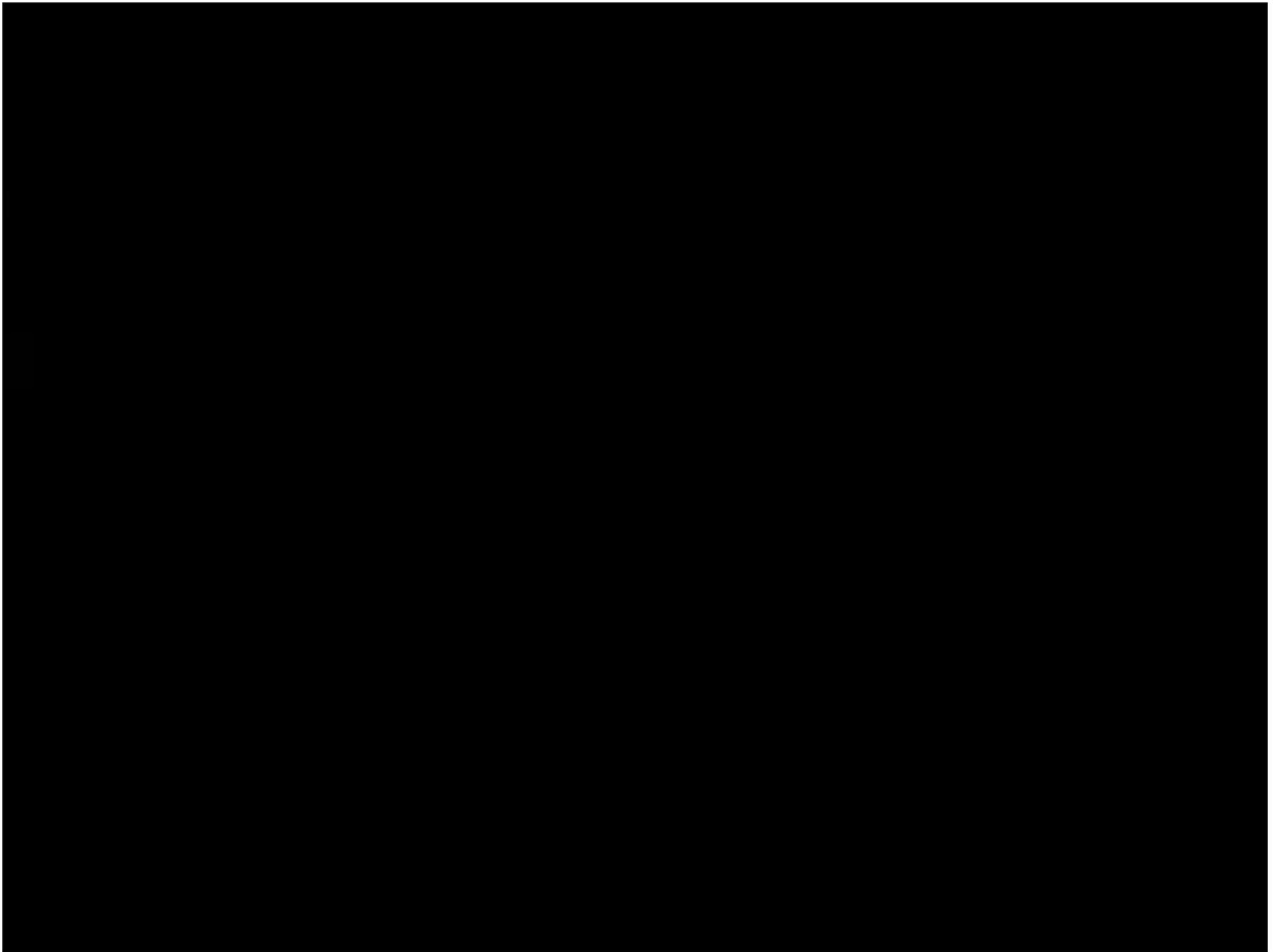
# Thermal Imager



# Armed Gunman Video



- Late in the evening July 30, 2002
  - Domestic Assault, shots fired
- Early in the morning July 31, 2002
  - B&E Church, attempted O.D.
- Troopers Respond to the Church, Mayville
  - Last seen fleeing SB, shooting towards the Troopers





# Kent County



- Kent County called to locate a missing male from an adult foster care
- Missing was searched for since before midnight
- 10-18-04, 4:10 am

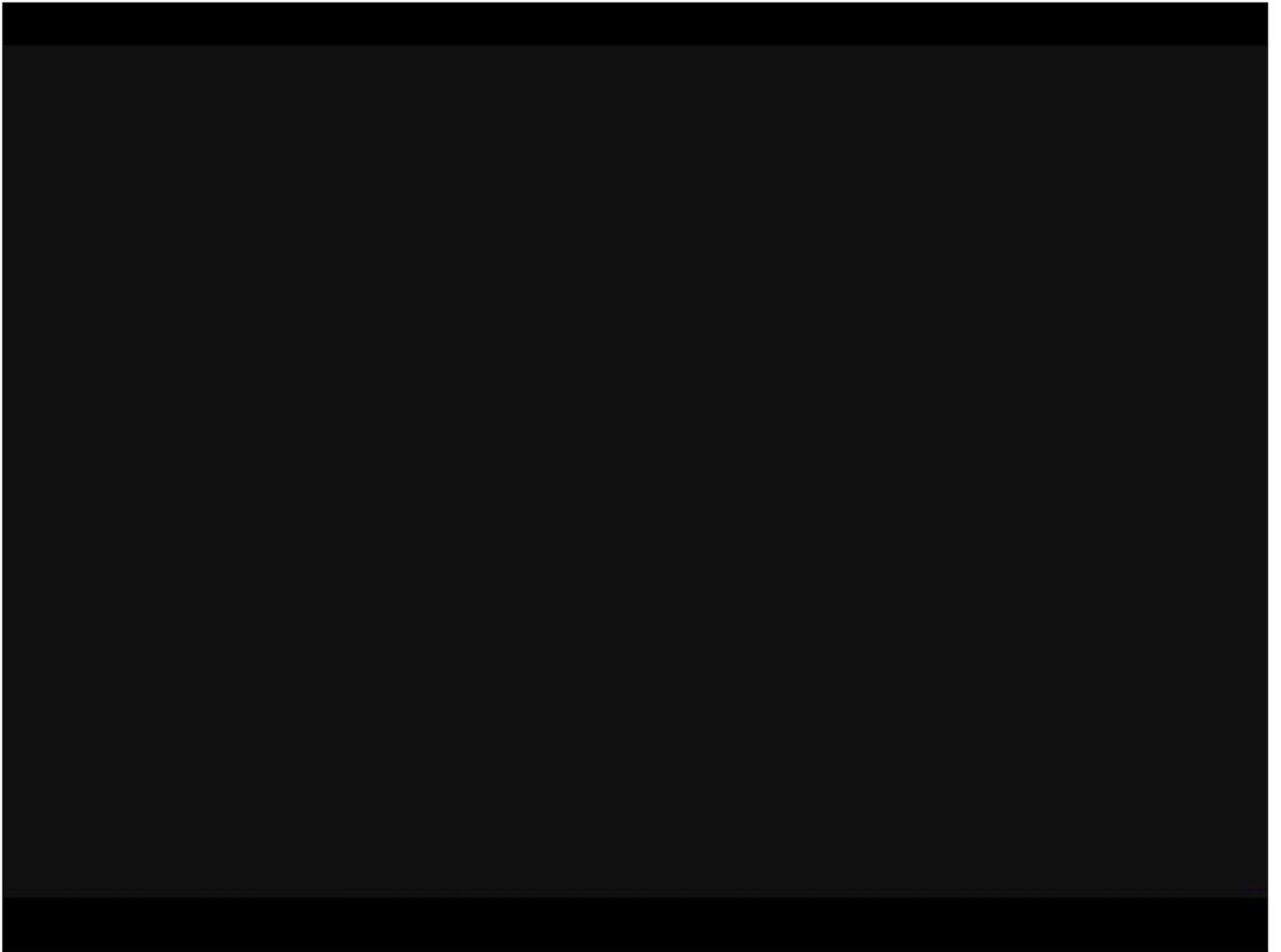




# Jackson County



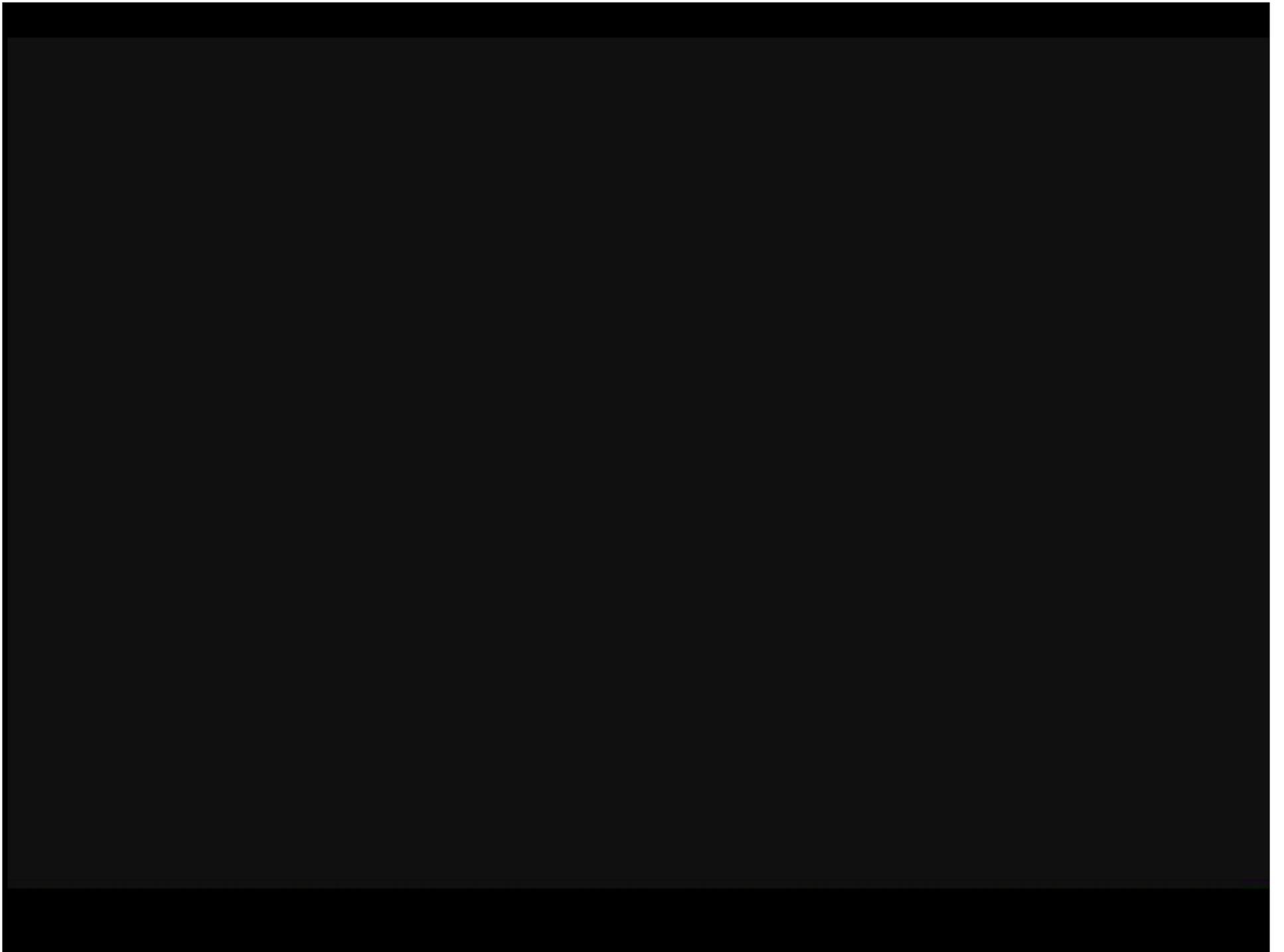
- Township PD searching for a missing teenage male that ran away from his mother
- Teenage male is mentally disturbed
- K9 have been searching for several hours
- 08-27-03, 12:40 am



# Benton Harbor



- Trooper was shot on a traffic stop days after the Benton Harbor riot of 2003
- 6-25-03





# Calls for Service



- FY 2011
  - 1,250 flight hours, 500 missions
- FY 2012
  - 1,500 flight hours, 697 missions
- FY 2013
  - On pace for over 1,800 flight hours and 900 missions
  
- On average 75% of our missions support other agencies

# How to request an aircraft or mission

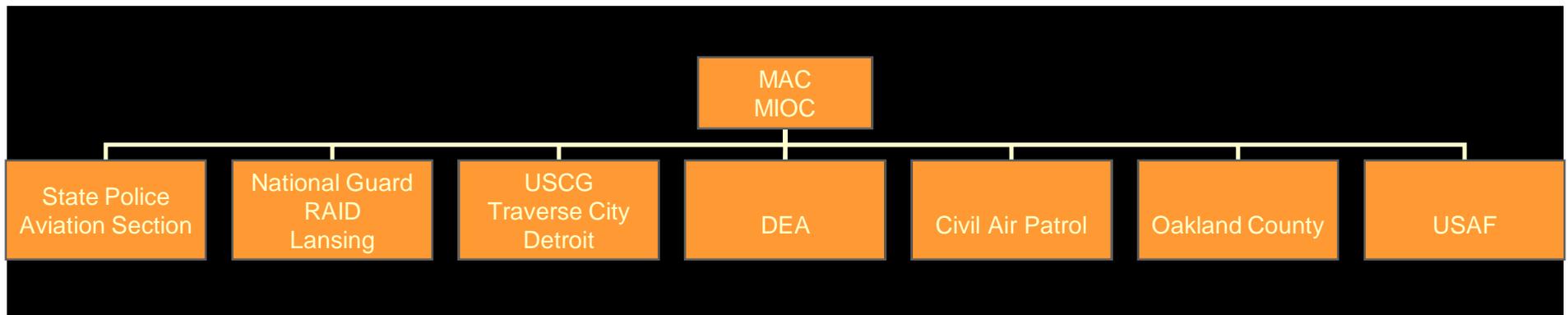


- Call us (517) 335-9900 (Aviation)
- After hours call Operations (517) 241-8000

# Are we going to support request?



- Aircraft availability
- Crew availability
- Weather
  
- If we can't take the mission then what? MAC



# Michigan Aviation Cooperative



# Conclusion



- Questions