

# TX★PWRT

TEXAS A&M PUBLIC WORKS RESPONSE TEAM



## sUAS Drone Assessment Strike Team



TEXAS A&M ENGINEERING



EXTENSION SERVICE



# Personnel

- 1 sUAS pilot/team lead
- 1 sUAS observer
- 1 team safety officer/air ops liaison

# Task & Purpose

- Conduct aerial assessments and provide reports to local government and state agencies.
- Provide increased situational awareness of disaster area.
- Provide asset and strike team member location support.
- Provide enhanced safety for responders entering disaster scene.

# Mission Function

- Provide aerial reconnaissance for response activities.
- Provide maps of response area and visual aids for responders.
- Locate and track responders at the incident scene.
- Provide aerial still photography.
- Provide remote sensing data to State Operations Center and local responders
- Relay site data and images to State Operations Center for evaluation.



**T**he Unmanned Aircraft System Strike Team utilizes drone technology and equipment to survey disaster sites, provide the other teams with advanced knowledge of hazards, provide situational awareness, and film and photograph incident conditions for other teams, such as the engineering and assessment team.

Drone software applications can video and transmit live feed across the internet to observers anywhere in the world. This provides real-time situational awareness and can also record events on the ground for other teams and agencies.

**Join the team:**  
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