PSURTNTX UPDATES

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UPDATES:

• Brinc Drones LEMUR Demo
• Incident Global Area Network (IGAN Fusion)
• DJI AIRWORKS 2020
• DRONERESPONDERS: The Five C’s, The Principles on the Responsible Use of Drones by Public Safety Agencies
• First Responder Tactical Beyond Visual Line of Sight (TBVLOS) 91.113 Waiver Guide
Brinc Drones LEMUR DEMO

- Designed for SWAT operations
- 31 min flight time
- Interchangeable sensors
- Durable
- Encrypted
- Cellular communications
- No Apps
- Made in the US.
Incident Global Area Network (IGAN) Fusion

• Live streaming multimedia system for multiple industry applications.

• Able to connecting all assets, including: drones, phone cams, body cams, bomb robots, video feeds, and 2-way radios with sub-half-second latency high-quality video streaming.

• [https://www.cytta.com/igan-matrix/](https://www.cytta.com/igan-matrix/)
• PSURTNTX presentations
  • Developing a Regional Unmanned Response Team: Public Safety Unmanned Response Team North Texas
  • The Integration Gap with Unmanned Systems during Emergencies and Disasters.
DRONERESPONDERS: The Five C’s, The Principles on the Responsible Use of Drones by Public Safety Agencies

• DRONERESPONDERS
• Best Practice for public safety agencies to start and keep their UAS program
• Five C’s
  • 1. Community Engagement and Transparency
  • 2. Civil Liberties and Privacy Protection
  • 3. Common Operating Procedures
  • 4. Clear Oversight and Accountability
  • 5. Cybersecurity

• https://www.droneresponders.org/the-five-cs
First Responder Tactical Beyond Visual Line of Sight (TBVLOS) 91.113 Waiver Guide

- FAA Authorized
- Collaboration with the FAA, DRONERESPONDERS, and other public safety agencies.
- Waiver example.
- Used for extreme emergencies and must meet specific conditions.
AVIATION UNMANNED VEHICLE MUSEUM

www.auvm.net
Caddo Mills Municipal Airport
OUR FOUNDER
LT COL HAROLD F (Red) SMITH RET USAF

- BS, Aeronautics and Aerospace, University of Colorado
- MS, Engineering Administration, SMU
- Professional Engineer
- Retired from USAF after 29 years as Chief of the Operations Support Branch of the Drone/RPV System Project Office
- Legion of Merit, Bronze Star, Meritorious Service Medal 2x, USAF Commendation Medal, Vietnam Campaign Medal with five battle stars
- Recognized by NARPV for his contribution to the unmanned community and similarly recognized by the Air Force Association
- Associate Fellow in the American Institute of Aeronautics and Astronautics (AIAA)
- Life Member of the Air Force Association (AFA)
- Founding Member of the current AUVSI and second National President
The Museum’s collection of drones was a 40-year endeavor...

Red’s personal mission to preserve the historical beginnings of the drone movement and its significance to its modern day counterpart

He used to call it infancy work. He was very proud of the successful arming and target deployment of the first drone strike because he knew the future of military combat would save lives.
ASSOCIATION FOR UNMANNED VEHICLE SYSTEMS INTERNATIONAL

- Founding member
- Began as the National Association for Remotely Piloted Vehicles (NARPV) in 1972
- 2nd President of the association
- 1982, headquarters moved to Washington DC
- Quickly became an international organization and renamed to the AUVSI
- Keynote speaker at the 2012 National Convention in Las Vegas
- Authored a book about the historical significance of the Reconnaissance Firebee drone project missions “Lightning Bug.”
Hosting Lone Star AUVSI Drone Fly-In

- Sunday, August 30
- 9 a.m. - 2 p.m.
- Aviation Unmanned Vehicle Museum
- Caddo Mills Municipal Airport

- Free registration on Eventbrite

- Mandatory masks per the governor's mandate, thermal screening and sanitation station
Our mission is to ACQUIRE, PRESERVE, EDUCATE.

To ACQUIRE drones from our past and present to have on static display.

To PRESERVE the humble beginnings of the drone movement.

To EDUCATE the public of the importance of this vital part of our history.
OUR GREATEST NEED

We are looking for like minded partners that believe in the importance of our mission to want to help support our endeavor and ensure its future.

• HOW CAN YOU HELP?
  • Sponsorships
  • Memberships
  • Donations
  • Event Hosting
  • Volunteer Opportunities

We do not receive public assistance to operate the museum. Every donation goes directly to help further the mission of the museum.

We are a 501(3)(c) Non-Profit Museum
OUR EXHIBITS

- Radioplane
- Northrop Grumman
- Teledyne Ryan
- Righter
- McCulloch
- Boeing
- Lockheed
- Gyrodyne
- Beechcraft
- Meggett
Radioplane OQ-2
Radioplane OQ-3
Northrop
KD2R5
Ryan Firebee
BGM-34B
Attack &
Multimission RPV
Gyrodyne DASH QH-50
Lockheed X-7A
Culver PQ-14 Cadet
Beechcraft
MQM-61
Cardinal
Beechcraft
AQM-37
Jayhawk
Northrop BQM/MQM-74 Chukar