



UAS for Public Safety Working Group
May 30, 2018 / 1:30-3:30 PM
NCTCOG, Metroplex Conference Room

Notes

Opening Remarks/Welcome

Legislation Update

- Congressional legislation: Preventing Emerging Threats Act of 2018
 - Gives the Department of Homeland Security and Department of Justice the authorities they need to protect important buildings and assets (“covered facilities/assets”) when there is a security risk posed by a drone (“unmanned aircraft”).
 - The legislation contains a sunset provision, Congress will reevaluate the authorities in five years.
 - Directs DHS to perform research and testing of technology.
 - Requires DHS to conduct several assessments to evaluate emerging threats that drones may pose to state or private critical infrastructure entities and domestic airports and that vehicles may pose if used to inflict violence and intimidate people.

Presentation

- Program Raptor
 - Anti and counter drone solutions

Committee Updates

- Training and standards
 - What does region-wide training look like? Need to standardize UAS pilot requirements. Will help when fly under mutual aid.
 - Need more people to volunteer for committee to provide more input.
 - What kind of training is needs?
 - PSURT provides advanced training, including advanced FLIR training.
- Technology
 - DJI updates:
 - Tello- cross between Mavick Air and whoop UAS
 - Small and low cost, provides a clear image but not good around corners because it loses connectivity.
 - Work around: Wi-Fi range extender fills in connectivity gap.

- More likely to crash UAS while flying indoors so it is good to keep costs low.
 - DJI Z30 and DJI 210 free upgrade provides UNG capabilities and RI-CUT filter system.
 - RI-CUT provides low light black and white vision.
 - Spotlight to be released soon.
 - Many emerging technologies for outdoor flying so it is hard for jurisdictions to keep up.
 - Update Crystal Skies to fix temperature measurement bugs
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- Bylaws Committee
 - Bylaws draft completed. Will be sent out to the group for review.

Open Discussion

- AT&T FirstNet representative:
 - Public safety/UAS integration for FirstNet.
 - Move data securely in real time.
 - Flying cow and repeater mesh: FirstNet wants to train with UAS pilots and have them test the equipment.

Next meeting:

NCTCOG, Pitstick Executive Board Room
August 16, 2018
1:30- 3:30 PM