Sheriff’s Citizens Advisory Board Meeting Minutes
February 14, 2022

Attendees:
Jeff Welton (SCSO)  Leigh O’Neill  Kenenth L. Winn  Skip Johnson
Charles Parker  JT Ramsey  Jon Nelson  Mike Davisson

The meeting was called to order at 5:39 PM

The minutes of January 10, 2022 were approved.

New Business:
Spokane County Regional Air Support Unit (SRASU) Presentation by Corporal Jeff Welton (25+ years in Law Enforcement, 21 Years with SCSO)

- Why UAS:
  - Hostage incidents, officer &/or suspect safety
  - Time, distance, & shielding
  - Situational awareness
  - Communication ability

- Cost:
  - Grant funding
  - Sheriff’s Office funding

- Training Standards
  - Part 107 Certification and Ground School
  - National Institute of Standards and Technology (NIST)
  - Monthly (~10 hours) ASU Training (Additional UAS training, SWAT, K9, EDU, etc.)

- FAA Part 107 Ops
  - Class G Airspace Operations
  - 400 feet maximum above ground level (over structures)
  - Controlled airspace
  - Visual line of sight
  - Day or night
  - 500 feet below ceiling (clouds)
  - Any mission
  - 3 statute miles of visibility

- FAA Certification of Authorization (COA)
  - Spokane County Jurisdictional COA
  - Up to published minimum in controlled airspace
  - Notice to Air Missions (NOTAM)
  - Tactical beyond visual line of sight (lifesaving)
• Special Government Interest (SGI) Waiver
  o 24-hour hotline
  o Washington DC
  o Need to fly above published minimums
  o Temporary flight restrictions (TFR)
  o Must hold Part 107 or COA
• Low Altitude Authorization and Notification Capability (LAANC)
  o Part 107 Certificate holder
  o Air map, ALOFT cellphone applications
  o Received immediate daytime, nighttime authorization
  o Must be flying at or below UAS facility map maximum altitudes
  o Airport must be LAANC capable
• Missions
  o Air support (Patrol, SWAT, Explosive Disposal Unit, Civil Disturbances, Disasters, Fires, Search & Rescue, etc.)
    ▪ Daytime FLIR (thermal) and zoom camera capabilities
  o Crash and crime scene diagrams
    ▪ Pix4D capture & mapping
    ▪ 3D point clouds scaled diagrams
• 2021 Callouts
  o 87 callouts in 2021
    ▪ 185 callouts since inception in 2018
    ▪ 23 Patrol
    ▪ 20 SWAT
    ▪ 19 Other Agencies
    ▪ 16 Traffic
    ▪ 8 Major Crimes
    ▪ 1 SAU (Sexual Assault Unit)
• DJI Matrice 210
  o 2018
  o Dual gimbal
  o 30–35-minute flight time
  o Westher resistance
• DJI Inspire 1 Pro
  o Single gimbal
  o Not weather resistant
  o 15–20-minute flight time
  o Ability to drop items
  o Pix 4D
• DJI Mavic 2 Enterprise Advanced
  o Small
  o Light weight
  o Quick deploy
  o Dual cameras (zoom & thermal)
  o 20–22 minute of light time
• DJI M300 (coming soon to SCSO)
  o 55-minute flight time
  o Westher rated
  o All in one camera
  o Dual batteries
• BRINC LEMUR S – Indoor UAS (coming soon to SCSO)
  o “The Flying Cellphone”
  o IR technology
  o Carbon fiber
  o Push open doors
  o Rights itself
  o Window breaker attachment
  o 10-hour perch time
  o 30-minute flight time
  o Grants for 2 (~$35K)
• Policies and Procedures
  o Air Data
    ▪ All flight data is recorded and stored
      • Flights
      • Crews
      • Locations
      • Case
      • Purpose
      • UAS battery & performance
    ▪ Risk
      • Preflight risk analysis
      • Airspace consideration
      • Flight Authority
      • Weather
      • Mission Type
      • Hazards
    ▪ Privacy
      • Public areas
      • Private areas
        o Search warrants
        o Exigent circumstances
        o Hot Pursuits
      • No random surveillance of citizens
      • All videos and phone evidence uploaded to Axon
      • UAS flights reports to the public (Sheriff’s website)

**CAB REMINDER:** If you are unable to be at a meeting, please let Leigh know.

March Meeting:
• Pepper Gun Presentation

Meeting adjourned at 7:25 pm.
Next Meeting:
March 14, 2022
5:30pm – 7:30pm
Location: CenterPlace at Mirabeau Point Park (2426 N. Discovery Place Spokane Valley, WA 99216)

Minutes Submitted by
Leigh O’Neill, Secretary