UAS Update





Stephanie Derivan, PD Metro Commander Randy Wilson, Aviation Administrator

Drone First Responder DFR 1.0:

- Program Description
 - Based off PD Headquarters / Remote Pilot-Visual Observer Monitor / Remote Pilots at RTCC / Call for Service Location Entry – 2nm radius / FAA First Responder –BVLOS
 - Automated vs. Autonomous
- Program Inception
 - May 2024 (planning May 2023)
- Remote Pilot in Command (RPIC)
 - 6 Remote Pilots in Command
 - 3 RRPIC's @RTCC
- > UAS / Drone

1 M30T (40 mph / Battery Life 25-30 min / 18.5 x 23 inches / 8.9 lbs)

> DFR CFS

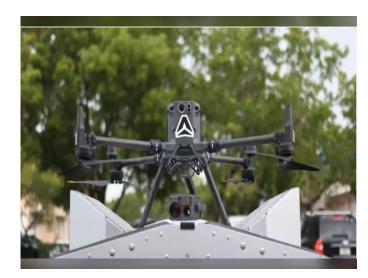
258 DFR Flights 52.8 hours

[Note: UAS 1178 CFS / 232 CFS YTD 2024]



Drone First Responder DFR 2.0:

- Program Description
 - Based off Mesa City Plaza Building / No Rooftop Personnel / RRPIC Pilots @ RTCC / Call for Service Location Entry – 2nm radius /
 - FAA First Responder-BVLOS-w/o Visual Observer / 2nm + 2nm Collision Avoidance
 - Automated vs. Autonomous
- Program Inception
 - Depending on Contract Approval, FY24/25
- Remote Pilot in Command (RPIC)
 - 3 RRPIC's (RTCC)
- UAS / Hangar-Docking Station
 - 1 Hextronics Atlas Hangar/Docking Station (55x43x39 / 415 lbs)
 - 1 M30RTK
 - (51 mph/Battery Life 45-50 min / 32 inches square / 20.2 lbs)



QUESTIONS?

