

UAS Update



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November 7, 2024

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?

