



RECOGNITION OF OUTSTANDING PUBLIC SAFETY DRONE PROGRAM

Name of Department/Agency: Cass County ND Sheriff's Office

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How long program in operation? 3 years

How many aircraft in program? 6

What types of aircraft in fleet? quadcopters

How many remote pilots in program? 2

Do you operate with COA, Part 107 or both? Part 107

How has your drone program been innovative for your department? Last year the agency had a number of successful stories in locating a suicidal person, burglary suspects, traffic crashes for the North Dakota Highway Patrol that has lead to Cass County moving to cover more traffic crashes and performing crash reconstruction (reducing secondary accidents) and covering numerous crime scenes.

How has your drone program enhanced safety for your department? The drone program not only during real world events but also in training to show officers a new way to be positioned around a barricaded suspect or during civil unrest. The view of video with officers can show how they are moving on the ground and what changes need to take place to be put in a safer position. The drone have enhanced officer safety.

How has your drone program improved operational effectiveness? The drone photos give a new a perspective for investigators. The drone also gives feed back to the road department when there is flooding in the area. photos and videos are taken during the event for the road department to make decisions for sandbags, road closures, and any evacuations that might be needed. We also use the drone to take photos and video for Public Relations events. The drone improves operational effectiveness by giving the IC a new way to look at the operation (bird's eye view). With live

video from the drone and the drone location with the software that the agency uses gives the IC a new incident command tool to make decisions.

Examples of Program in Action:

<https://kfgo.com/2019/03/28/cass-county-using-drones-to-assist-in-flood-fight/>

<https://www.kvrr.com/2018/09/29/the-future-takes-flight-historical-drone-flight-glides-over-ndsu-tailgaters/>

https://bismarcktribune.com/news/state-and-regional/fargo-drone-unit-offers-new-look-at-critical-missions/article_c84af9f1-973c-52c0-bfaf-4c5775e3d1f4.html

<https://nextdoor.com/agency-post/nd/fargo/cass-county-sheriffs-office/cass-county-deputies-arrest-three-during-overnight-burglary-attempt-158486440/>

<https://twitter.com/i/status/1311784070171549700>

<https://twitter.com/i/status/1231713725545156608>

<https://pbs.twimg.com/media/EQf60pFWoAAMpyA?format=jpg&name=large>