

Discussion of the **purchase and patrol use** of a single sUAS (aka *drone*) by the Shoreline Police Department.

May 1, 2023



Shoreline Police Chief Kelly Park

GOM Safeguards

KCSO 9.08.000 Small Unmanned Aircraft
System Operation



Shoreline Police Chief Kelly Park

Metro Deputy Eric Kim

FAA (Part 107) Certified Remote Pilot



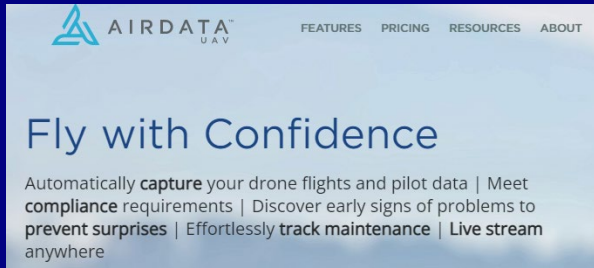
Background

- Small Unmanned Aircraft Systems (sUAS) are used by departments throughout our region to **enhance community** and **officer safety**.
- Strict department policies (GOM) and software (AirData) ensure the protection of '*privacy and other constitutionally protected rights.*'*



* KCSO General Orders Manual 9.08

Overview



AIRDATATM
UAV

FEATURES PRICING RESOURCES ABOUT

Fly with Confidence

Automatically **capture** your drone flights and pilot data | Meet **compliance** requirements | Discover early signs of problems to **prevent surprises** | Effortlessly **track maintenance** | **Live stream** anywhere



King County Sheriff *General Orders Manual* *Chapter 9.08*

9.08.000 Small Unmanned Aircraft System (sUAS) Operations (April 2022)

Purpose

Establishes guidelines and procedures for deployment of small unmanned aircraft systems (sUAS).



DJI Mavic 3T



March 5th Case Study

- At 2:06 AM, Shoreline Deputy Stultz was shot in the line of duty.
- One sUAS, operated by KCSO/Metro Deputy Kim, provided overwatch as K9 officers tracked and - without incident - apprehended the suspect.



NE 145th St / 15th Ave NE



DJI M30T
2023-03-05 02:35:54
E Kim

Operator /
Date / Time



Enhanced Usage:

- Search for missing persons on rough or rocky terrain or the BNSF railroad tracks
- Enhanced park patrol and special park emphasis
- Investigation of commercial and other property crimes
- Support for patrol and K9 officers with near-immediate aerial support



DJI Mavic 3T sUAS



DJI Mavic 3T sUAS



DJI Mavic 3T sUAS



DJI Mavic 3T sUAS



DJI Mavic 3T sUAS



Estimated Financial Impact

- Program costs were included in the 2023-24 biennial budget.

1 DJI Mavic 3T sUAS + tax	\$8,904.00
Flight Training for 1 Officer	
FAA Test Prep	\$39.95
FAA Test	\$175.00
Frontline UAS Pilot School	\$500.00
Total	\$9,618.95



Recommendation

No action is required tonight. Staff recommends that Council ask questions about the sUAS technology and how it is expected to be used in the City for public safety purposes.

