



San Marcos Police Department
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SAN MARCOS POLICE DEPARTMENT

Texas Government Code Sec. 423.008 Law Enforcement Use of sUAS Report

January 1, 2019 – December 31, 2020

San Marcos Police Department

IN HONOR OF
OFFICER KEN COPELAND E.O.W. 12/04/2017 AND OFFICER JUSTIN PUTNAM E.O.W. 04/18/2020

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Report for the Use of Small Unmanned Aircraft Systems (sUAS)

January 1, 2019 through December 31, 2020

This document has been created to meet the requirement for law enforcement use of small Unmanned Aircraft Systems (sUAS) according to Section 423.008 of the Texas Government Code.

Background:

In 2013, the 83rd Texas Legislature passed H.B. 912. The bill requires that no earlier than January 1 and not later than January 15 of each odd-numbered year, a municipal law enforcement agency located in a county or municipality with a population greater than 150,000 that used or operated an unmanned aircraft during the preceding 24 months shall issue a written report to the Governor, the Lieutenant Governor, and each member of the Legislature.

In accordance with H.B. 912, this report includes:

1. Number of criminal investigations aided by the use of the unmanned aircraft and a description of how the unmanned aircraft aided each investigation;
2. Number of times the unmanned aircraft was used for a law enforcement operation other than a criminal investigation, the dates and locations of those operations, and a description of how the unmanned aircraft aided each operation;
3. Type of information collected on an individual, residence, property, or area that was not the subject of a law enforcement operation and the frequency of the collection of this information; and
4. Total cost of acquiring, maintaining, repairing, and operating or otherwise using each unmanned aircraft for the preceding 24 months.

In addition, SMPD retains the report for public viewing at its headquarters located at 2300 IH 35 South, San Marcos, Texas, and has posted the report on the department's publicly accessible website at:

www.sanmarcostx.gov/151/Police

OVERVIEW

The San Marcos Police Department utilizes a DJI Matrice 210 (V2), a DJI Matrice 200 (V2), a DJI Mavic 2 Enterprise Zoom, a DJI Mavic 2 Enterprise Dual and 2 DJI Mavic Air aircraft. These aircraft are purchased, owned and insured by the City of San Marcos. The San Marcos Police Department is authorized to fly anywhere within the incorporated city limits of San Marcos or surrounding areas during daylight hours under the Federal Aviation Administration's Part 107 rules. The San Marcos Police Department can also fly during the night time hours under a Federal Aviation Administration Certificate of Authorization (COA). This COA was issued to the Hays County Office of Emergency Management. The Hays County Office of Emergency Management allows this COA to be utilized by any public safety organization within Hays County.

The San Marcos Police Department sUAS Unit is utilized for a multitude of calls under the authorization of the Texas Government Code, Section 423, including assisting the Criminal Investigations Division with Felony Offenses, Persons and Articles searches, SWAT deployments, and Motor Accident Crash Reconstructions. The Unit is also called upon to assist other law enforcement and fire agencies which do not have UAS resources available.

The San Marcos Police Department sUAS Unit operates both independently and in conjunction with the Hays County Sheriff's Department sUAS Unit in the event either unit requests assistance. The San Marcos and Hays County sUAS Units are also attached to the San Marcos / Hays County joint SWAT Team and deploy on all SWAT activations.

DEPLOYMENT INFORMATION

Between January 1, 2018 and December 31, 2020, the San Marcos Police Department had a total of (193) sUAS Deployments. The flights are broken down into 7 categories.

- 1) Training and Maintenance – 96 deployments
- 2) Collision Investigation –11 deployments
- 3) Criminal Investigations – 30 deployments
- 4) Missing / Endangered Persons – 16 deployments
- 5) SWAT Activation –19 deployments
- 6) Assist Other Agency – 6 deployments
- 7) Public Relations – 15 deployments

The following table depicts the flights by date:

SAN MARCOS POLICE DEPARTMENT sUAS DEPLOYMENTS 01/01/2019 – 12-31-2020

Date	Time	Location	Justification	Description	Information Collected
01/02/2019	1330	SMPD	Training	FAA Currency	N/A
02/25/2019	1500	SMPD	Training	FAA Currency	N/A
03/01/2019	1300	Staples Road SMTX	Fatality Acc.	CIT investigation	N/A
03/01/2019	1410	Sessoms Drive SMTX	Fatality Acc.	CIT investigation	N/A
03/12/2019	949	SMPD	Training	Training / FAA Currency	N/A
03/14/2019	1341	ALERRT	Training	Training / FAA Currency	N/A
03/14/2019	1952	Buda, TX	Training	Training / FAA Currency	N/A
03/16/2019	1330	SMPD	Training	Training / FAA Currency	N/A
03/19/2019	1654	Hays Co.	Training	Training / FAA Currency	N/A
03/20/2019	1755	Hays Co.	Training	Training / FAA Currency	N/A
03/21/2019	1615	SMPD	Training	Training / FAA Currency	N/A
04/04/2019	1501	SMPD	Training	Training / FAA Currency	N/A
04/05/2019	1630	SMPD	Training	Training / FAA Currency	N/A
04/05/2019	2004	Uptown Apts	Criminal Inv.	Homicide Investigation	N/A
04/08/2019	1542	SMPD	Training	Training / FAA Currency	N/A
04/17/2019	1112	Woodcreek, Wimberly	Criminal Inv.	Burglary Suspect Search	N/A
04/21/2019	605	200 mm IH35	Fatality Acc.	CIT investigation	N/A
04/23/2019	1530	FM 150 E. Kyle TX	Criminal Inv.	Auto Theft / Evad Susp Srch	N/A
04/29/2019	858	811 Bracewood	Criminal Inv.	Interior Building Search	N/A
04/30/2019	1649	Cottages of SM	Criminal Inv.	Sexual Asslt Susp Search	N/A
05/02/2019	1548	Retreat Apts	Criminal Inv.	Sexual Asslt Susp Search	N/A
05/02/2019	1634	The Edge Apts	Criminal Inv.	Sexual Asslt Susp Search	N/A
05/02/2019	1651	Cottages of SM	Criminal Inv.	Sexual Asslt Susp Search	N/A

05/02/2019	1802	Metropolitan Apt	Criminal Inv.	Sexual Asslt Susp Search	N/A
05/08/2019	730	SMPD	Training	Training / FAA Currency	N/A
05/16/2019	1420	Freeman Rnch Wimberley	Training	Thermal Camera Training	N/A
05/23/2019	2058	ALERRT	Training	Training / FAA Currency	N/A
05/24/2019	1459	SMPD	Training	Training / FAA Currency	N/A
05/30/2019	951	SMPD	Training	Training / FAA Currency	N/A
05/31/2019	1727	SMPD	Training	Training / FAA Currency	N/A
06/06/2019	1245	Hays High School Kyle TX	Training	Training / FAA Currency	N/A
06/07/2019	1611	SMPD	Training	Training / FAA Currency	N/A
06/08/2019	528	Hays Co. Morningwood	SWAT	Barricaded / Armed Suspect	N/A
06/11/2019	1315	SMPD	Training	Training / FAA Currency	N/A
06/12/2019	1327	SMPD	Training	Training / FAA Currency	N/A
06/20/2019	1030	RR12 Wimberley TX	Criminal Inv.	Bank Robbery Susp Search	N/A
06/20/2019	1714	5 Mile Dam	Training	Training / FAA Currency	N/A
06/20/2019	2013	Sunfield, Buda, TX	Training	Training / FAA Currency	N/A
06/22/2019	1720	San Marcos Rive (SMTX)	Search	Missing Juveniles	N/A
06/25/2019	913	FM 1626 (Hays County)	Criminal Inv.	Deceased Person Search	N/A
06/25/2019	1456	FM 1626 (Hays County)	Criminal Inv.	Deceased Person Search	N/A
06/26/2019	1510	5 Mile Dam Park (SMTX)	Search	Drowning Victim Search	N/A
06/27/2019	1030	Pin Oak Dr (Lockhart TX)	SWAT	Barricaded Subject	N/A
07/09/2019	1518	SMPD	Training	Training / FAA Currency	N/A
07/17/2019	400	SM Airport	Criminal Inv.	SM Airport Trespass Search	N/A
07/18/2019	1415	SMPD	Training	Training / FAA Currency	N/A
07/18/2019	2145	Sunfield, Buda, TX	Training	Training / FAA Currency	N/A
07/18/2019	1715	ALERRT	Training	Training / FAA Currency	N/A
07/24/2019	1042	Kyle City Park	Training	Training / FAA Currency	N/A
07/24/2019	2330	SMPD	Training	Training / FAA Currency	N/A
07/29/2019	2230	Trace, SMTX	Training	Training / FAA Currency	N/A
07/30/2019	2110	Pergatory Park (SMTX)	Training	Training / FAA Currency	N/A
08/02/2019	2145	Premium Outlet, (SMTX)	Training	Training / FAA Currency	N/A
08/02/2019	900	Embassy Suites (SMTX)	Public Relations	Public Presentation	N/A
08/04/2019	1300	Embassy Suites (SMTX)	Public Relations	Public Presentation	N/A
08/05/2019	1000	Embassy Suites (SMTX)	Public Relations	Public Presentation	N/A
08/06/2019	1400	Embassy Suites (SMTX)	Public Relations	Public Presentation	N/A
08/07/2019	1300	Embassy Suites (SMTX)	Public Relations	Public Presentation	N/A
08/08/2019	800	Embassy Suites (SMTX)	Public Relations	Public Presentation	N/A
08/08/2019	1930	ALERRT	Criminal Inv.	SWAT Overwatch	N/A
08/09/2019	130	Cottages of SM	Criminal Inv.	Assault Suspect Search	N/A
08/15/2019	1011	Trace, SMTX	Training	Training / FAA Currency	N/A
08/16/2019	700	199 MM IH 35	Fatality Acc.	CIT investigation	N/A
08/17/2019	120	The Nest, SMTX	SWAT	High Risk Warrant	N/A

08/24/2019	1310	Veterans Park	Criminal Inv.	Homicide Investigation	N/A
08/27/2019	1712	320 Francis Harris	Wildland fire	Assist HCSO	N/A
08/27/2019	1848	Bracewood Circle	SWAT	Barricaded suspect	N/A
08/27/2019	2110	Bishop & Prospect	SWAT	Barricaded suspect	N/A
08/28/2019	1255	SMPD	Training	Firmware update	N/A
08/28/2019	1415	SMPD	Training	Firmware update	N/A
08/28/2019	1945	Civic Center & Clovis Barker	Training	Training / FAA Currency	N/A
08/30/2019	1815	Kyle City Park	Security & Fire watch	Security Overwatch	N/A
08/31/2019	1822	Kyle City Park	Security & Fire watch	Security Overwatch	N/A
09/16/2019	1600	SMPD	Training	QEP Unlocks and Tests	N/A
09/19/2019	1610	SMPD	Training	QEP Unlocks and Tests	N/A
09/26/2019	1915	Crosswinds Buda	Training	Training / FAA Currency	N/A
09/29/2019	718	Driftwood, TX	Search	Missing Person Search	N/A
10/09/2019	1409	SMPD	Training	IR training	N/A
10/10/2019	1153	SMPD	Training	IR training	N/A
10/10/2019	1710	SMPD	Training	Training / FAA Currency	N/A
10/10/2019	1913	SMPD	Training	IR training	N/A
10/24/2019	1330	FM 150 W. Kyle TX	Training	SWAT Training	N/A
11/05/2019	1110	2200 Blk River Rd (SMTX)	Criminal Inv.	Burglary Suspect Search	N/A
11/27/2019	945	Hilliard Rd (SMTX)	Assist HCSO	Suicidal Endangered Person	N/A
11/28/2019	1615	100 McCoy Dr (SMTX)	Training	Training / FAA Currency	N/A
12/05/2019	1215	Hunters Hill, SMTX	Criminal Inv.	Burglary Suspect Search	N/A
12/10/2019	230	Cedars Apts, SMTX	Criminal Inv.	Homicide Investigation	N/A
01/15/2020	1400	Textrim, SMTX	Training	Training / FAA Currency	N/A
01/28/2020	2000	Craddock / Wonderworld	SWAT	SWAT Overwatch	N/A
02/01/2020	1130	HWY 80 / Blanco River	Search	Shots Fired Call	N/A
02/02/2020	1530	Brown School SMTX	Search	Runaway Juvenile	N/A
02/11/2020	2030	SMPD	Public Relations	Public Presentation	N/A
02/11/2020	1530	SMPD	Training	New Pilot Training	N/A
02/25/2020	2045	Villas Willow Springs Apts	Search	Missing Juveniles	N/A
03/03/2020	1100	Love Dr. (Buda TX)	SWAT	SWAT Overwatch	N/A
03/06/2020	1610	100 McCoy Dr (SMTX)	Training	Training / FAA Currency	N/A
04/07/2020	1130	Summit Dr (Kyle TX)	SWAT	SWAT Overwatch	N/A
04/10/2020	1700	SMPD	Training	New Pilot Training	N/A
04/11/2020	1030	E. River Ridge Dr (SMTX)	Search	Shots Fired Call	N/A
04/18/2020	1815	2900 Blk Hunter Rd (SMTX)	SWAT	Officer Down / SWAT	N/A
04/20/2020	1500	Blanco Vista Blvd (SMTX)	Public Relations	Officer Funeral Procession	N/A
04/23/2020	2000	Seton Hays (Kyle TX)	Public Relations	LEO Support Procession	N/A
04/25/2020	2000	SMPD	Public Relations	LEO Support Procession	N/A
04/29/2020	1300	SMPD	Public Relations	LEO Support Procession	N/A
05/18/2020	1600	SMPD	Monthly Maint	Training / FAA Currency	N/A

05/23/2020	840	1000 Blk Hwy 80	Search	Suicidal Person	N/A
05/23/2020	1630	SMPD	Monthly Maint	Training / FAA Currency	N/A
05/23/2020	2030	IH 35 South (200 MM)	Fatality Acc.	CIT investigation	N/A
05/24/2020	1615	SMPD	Monthly Maint	Training / FAA Currency	N/A
05/27/2020	1600	SMPD	Monthly Maint	Training / FAA Currency	N/A
05/27/2020	1800	1200 Blk Sadler Drive	Criminal Inv.	Agg Assault Crime Scene	N/A
05/28/2020	1000	SMPD	Monthly Maint	Training / FAA Currency	N/A
06/08/2020	1500	SMPD	Team Training	Training / FAA Currency	N/A
06/08/2020	1800	San Marcos High School	Mapping	Map for County SRP	N/A
06/14/2020	1645	3600 Old Bastop Hwy	Search	Agg Assault Crime Suspect	N/A
06/14/2020	905	300 E. McCarty	Fatality Acc.	CIT investigation	N/A
06/20/2020	2230	400 Cresthill Causeway	SWAT	SWAT Overwatch	N/A
06/21/2020	1510	1000 Char Crest Ct	SWAT	SWAT Overwatch	N/A
07/03/2020	0:00	6100 Highway 21	SWAT / Search Warr	SWAT Overwatch	N/A
07/12/2020	1700	1600 Blk Post Road	Fatality Accident	CIT investigation	N/A
07/14/2020	1000	200 Blk Wild Plum	Public Relations	Locate Lost Property	N/A
07/15/2020	400	300 Blk N. IH 35	Search	Pursuit / Persons Search	N/A
07/16/2020	100	Wonderworld Dr. / IH 35	Criminal Inv.	Assist DPS OIS	N/A
07/16/2020	1300	San Marcos Police Dept	Monthly Maint	FAA Currency / Training	N/A
08/04/2020	2240	1101 Leah Ave SMTX	Criminal Inv.	Wanted Person Felony	N/A
08/08/2020	110	2700 Blk HWY 123	Fatality Accident	CIT investigation	N/A
08/11/2020	610	2100 Blk N. IH 35	Criminal Inv.	High Risk Traffic Stop	N/A
08/16/2020	1000	2300 IH 35 S.	Monthly Maint	Training / FAA Currency	N/A
08/17/2020	2242	701 Aquarena Springs Dr	Person Search	Suicidal Person	N/A
08/20/2020	706	217 NB IH 35	Criminal Inv.	Fatality Accident (Kyle TX)	N/A
08/20/2020	1416	199 NB IH 35	Criminal Inv.	Person Search / Veh Pursuit	N/A
08/20/2020	1546	180 Joe Wimberley	Criminal Inv.	SWAT Overwatch	N/A
08/25/2020	1600	SMPD	Training	Training / FAA Currency	N/A
08/26/2020	1018	Stagecoach / Snyder Hill	Fatality Accident	CIT investigation	N/A
08/27/2020	1330	SMPD	Training	Training / FAA Currency	N/A
08/30/2020	1930	SMPD	Training	Training / FAA Currency	N/A
09/06/2020	1259	300 Blk W. Wonderworld Dr	Fatality Accident	CIT investigation	N/A
09/11/2020	1000	SMPD	Maintenance	Aircraft Maintenance	N/A
09/12/2020	1030	SMPD	Public Relations	Photos of PD Renovation	N/A
09/13/2020	1015	SMPD	Monthly Maint	Training / FAA Currency	N/A
09/14/2020	1150	SMPD	Training	Training / FAA Currency	N/A
09/18/2020	1522	SMPD	Training	Training / FAA Currency	N/A
09/23/2020	1325	Lower Putgatory Creek Park	Person Search	Endangered Person	N/A
09/25/2020	817	San Marcos Airport	Assist FAA / NTSB	Plane Crash Investigation	N/A
10/10/2020	650	SMPD	Monthly Maint	Training / FAA Currency	N/A
10/11/2020	900	SMPD	Monthly Maint	Training / FAA Currency	N/A

10/11/2020	1630	SMPD	Monthly Maint	Training / FAA Currency	N/A
10/11/2020	1500	SMPD	Monthly Maint	Training / FAA Currency	N/A
10/21/2020	150	Conway/Bugg	Criminal Inv.	Person Search / Veh Pursuit	N/A
10/28/2020	1314	River Road	Public Relations	Photos for COSM Engineering	N/A
10/31/2020	549	400 Linda #20 (Indoor Flight)	Criminal Inv.	Barricaded subject	N/A
10/31/2020	2318	100 blk Cheatham @ RR tracks	Person Search	Pedestrian vs Train Crash	N/A
11/07/2020	1802	SMPD	Training	Training / FAA Currency	N/A
11/07/2020	1815	SMPD	Training	Training / FAA Currency	N/A
11/07/2020	1800	SMPD	Training	Training / FAA Currency	N/A
11/06/2020	610	SMPD	Training	Training / FAA Currency	N/A
11/06/2020	833	606 Lakeland	SWAT	Wanted Person Felony	N/A
11/09/2020	1620	SMPD	Monthly Maint	Monthly Inspection	N/A
11/09/2020	1610	SMPD	Monthly Maint	Monthly Inspection	N/A
11/09/2020	1140	SMPD	Monthly Maint	Monthly Inspection	N/A
11/09/2020	1120	SMPD	Monthly Maint	FAA Currency/Monthly Inspection	N/A
11/10/2020	2200	503 Uhland	SWAT	Barricaded Subject	N/A
11/10/2020	2200	503 Uhland	SWAT	Barricaded Subject	N/A
11/10/2020	2200	503 Uhland	SWAT	Barricaded Subject	N/A
11/14/2020	1630	Cape @ San Marcos River	Person Search	Missing Person	N/A
11/25/2020	1745	200 NB IH35	Fatality Accident	CIT investigation	N/A
11/25/2020	2057	River/Cape	Criminal Inv.	Felony Person Search	N/A
12/05/2020	1226	100 blk S, Ed Gary St	Criminal Inv.	Interior Building Search	N/A
12/06/2020	1655	SMPD	Training	Training / FAA Currency	N/A
12/06/2020	1610	SMPD	Training	Training / FAA Currency	N/A
12/06/2020	1640	SMPD	Training	Training / FAA Currency	N/A
12/06/2020	1625	SMPD	Training	Training / FAA Currency	n/A
12/06/2020	1700	SMPD	Training	Training / FAA Currency	N/A
12/06/2020	1800	SMPD	Training	Training / FAA Currency	N/A
12/06/2020	1800	SMPD	Training	Training / FAA Currency	N/A
12/06/2020	1800	SMPD	Training	Training / FAA Currency	N/A
12/08/2020	117	400 Linda #20 (Outdoor)	SWAT	Barricaded subject	N/A
12/08/2020	117	400 Linda #20 (Indoor)	SWAT	Barricaded subject	N/A
12/08/2020	200	400 Linda (Outdoor)	SWAT	Barricaded subject	N/A
12/10/2020	1234	Gravel/Jackman	Person Search	Agg Assault Suspect Search	N/A
12/17/2020	1400	ALERRT	Training	Training / FAA Currency	N/A
12/17/2020	1300	ALERRT	Training	Training / FAA Currency	N/A
12/17/2020	1330	ALERRT	Training	Training / FAA Currency	N/A
12/17/2020	1345	ALERRT	Training	Training / FAA Currency	N/A
12/17/2020	1400	ALERRT	Training	Training / FAA Currency	N/A
12/17/2020	1400	ALERRT	Training	Training / FAA Currency	N/A
12/17/2020	1400	ALERRT	Training	Training / FAA Currency	N/A

12/18/2020	900	Centerpoint Rd / Hunter Rd	Person Search	Armed Offender Search	N/A
12/18/2020	1300	ALERRT	Training	Training / FAA Currency	N/A
12/18/2020	1300	ALERRT	Training	Training / FAA Currency	N/A
12/18/2020	1300	ALERRT	Training	Training / FAA Currency	N/A
12/18/2020	1300	Clovis Barker Road	Public Relations	Assist San Marcos Utilities	N/A
12/18/2020	1400	ALERRT	Training	Training / FAA Currency	N/A

EXPENSE INFORMATION

The following table shows the expenses associated with the San Marcos Police Department sUAS Program between 01/01/2019 and 12/31/2020.

COSTS	AMOUNT	DESCRIPTION
sUAS Equipment	\$70,000.00	Purchase of 6 sUAS, Batteries and charging equipment
Support / Transport Vehicle	\$3,000.00	Leased Ford F250 truck with enclosed bed
Training	\$5,800.00	Inter-Drone Conference, Training and testing for 9 additional personnel
Computer and iPads	\$2,900.00	Mapping / Maintenance computer and iPad screen devices
Miscellaneous / Maint. Supplies	\$500.00	Additional Propellers, Prop-guards andl supplies