



**Ellis County Fire Marshal and Office of
Emergency Management Unmanned
Aircraft Systems Legislative Report
JANUARY 2021 - DECEMBER 2022**

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

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 Texas Governor, the Lieutenant Governor, and each member of the Legislature. Pursuant to Texas Government Code §423.008, the report shall include the following:

1. the number of times an unmanned aircraft was used, organized by date, time, location, the types of incidents and types of justification for the use;
2. the number of criminal investigations aided by the use of an unmanned aircraft and a description of how the unmanned aircraft aided each investigation;
3. the number of times an 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;
4. the 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,
5. the total cost of acquiring, maintaining, repairing, and operating or otherwise using each unmanned aircraft for the preceding 24 months.

Date & Time of Use	Location of Use (Address or Coordinates)	Purpose for Use	Criminal Investigation (Yes or No)	Incident Report or Other Justification	Information Collected (Yes or No)	Description of Information Collected
February 22, 2021 9:53 am	200 block of Side Winder Ferris, Tx 75125	Photo Mission	No	Photos of a fire scene	Yes	Aerial photo of the fire scene
February 22, 2021 3:35 pm	2100 block of Joe Lovett Midlothian, Tx 76065	Overwatch	No	Overwatch of a grass fire	No	N/A
March 21, 2021 10:41	2278 Farm to Market Rd 878 Waxahachie, Tx 75165	Training	No	Testing equipment	No	N/A
April 12, 2021 10:41	100 block of Stones Ct. Waxahachie, Tx 75165	Searching for a missing person	No	Missing person	No	N/A
May 4, 2021 9:48 am	1000 block FM 55 Waxahachie, Tx 75165	Damage survey	No	Video and photos of storm damage	Yes	Photos and video
May 4, 2021 11:27 am	2900 block Mosley St Waxahachie, Tx 75165	Damage survey	No	Video and photos of storm damage	Yes	Photos and video

May 4, 2021 2:12 pm	3000 block Mosley St Waxahachie, Tx 75165	Damage survey	No	Video and photos of storm damage	Yes	Photos and video
May 4, 2021 4:00 pm	500 block of Johnston Rd. Waxahachie, Tx 75165	Damage survey	No	Video and photos of storm damage	Yes	Photos and video
May 18, 2021, 2:10 pm	200 block Rutherford Rd Waxahachie, Tx 75165	Photo mission	No	Photos of a fire scene	Yes	Photos and video
May 23, 2021 11:25 am	Hwy I45 North Bound Service Rd	Search for missing person	No	Missing person	Yes	Video
July 15, 2021 8:30 am	100 block of Lobo Little Elm Tx 75068	Training	No	Testing equipment	No	N/A
August 1, 2021 11:11 am	1500 block of Blue Jay Dr. Ennis Tx 75119	Training	No	Testing equipment	No	N/A
August 23, 2021 9:25 am	400 block of Oak Hill Ct. Waxahachie Tx 75165	Photo mission	No	Photos of a fire scene	Yes	Photos and video
August 31, 2021 3:53 pm	4000 block of FM 813 Waxahachie Tx 75165	Searching for a stolen ATV	Yes	At the request of the ECSO searching the area for a stolen ATV	No	N/A

September 5, 2021 9:01 am	100 block of Hurst Cir. Ferris, Tx 75125	Photo mission	Yes	Photos of a fire scene	Yes	Photos and video
October 14, 2021 3:12 pm	3200 block of Old Maypearl Rd Waxahachie Tx 75165	Photo mission	Yes	Illegal dumping of tires	Yes	Photos and video
October 22, 2021 8:49 am	6900 block of Ensign Rd Ennis, Tx 75119	Photo mission	Yes	Photos of a fire scene	Yes	Photos and video
October 25, 2021 3:07 pm	100 block of Brushy Creek Red Oak, Tx 75065	Photo mission	Yes	Illegal dumping of tires	Yes	Photos and video
November 18, 2021 2:20 pm	5900 block of Ram Trail Midlothian, Tx, 75065	Overwatch	No	Overwatch of a grass fire	Yes	Photo and video
December 27, 2021 1:44 pm	2200 block of Farm to Market 878 Waxahachie, Tx 75119	Training	No	Testing equipment	No	N/A
January 29, 2022 2:03 pm	300 block of Alma Dr. Ennis, Tx 75119	Photo mission	No	Photos of a fire scene	Yes	Photos and video
February 18, 2022 12:12 pm	Bell Brach Rd. Italy, Tx 76651	Search for injured livestock	No	At the request of the ECAC the area was searched for livestock not being feed	No	N/A

February 18, 2022 4:59 pm	2272 Farm to Market 878 Waxahachie, Tx 75065	Data Collection	No	At the request of the EMC the radio tower lights were inspected	Yes	Photos and video
May 20, 2022 8:13 am	3000 block of FM 660 Ferris Tx, 75125	Photo mission	Yes	Overview of a fire and a hit and run accident	Yes	Photos and video
July 5, 2022 10:00 am	300 block of Ward St Italy, Tx 76651	Photo mission	No	Photos of a fire scene	Yes	Photos and video
July 29, 2022 5:58 pm	100 block of Water Crest Ln. Glenn Heights, Tx, 75154	Overwatch	No	Overview of a large grass fire	Yes	Photos and video
August 2, 2022 5:47 pm	700 block of Gifio Rd Midlothian, Tx 76065	Overwatch	No	Overview of a large grass fire	Yes	Photos and video
August 3, 2022 10:31 pm	E Campus Rd Palmer, Tx 75152	Data collection	No	Reviewing the area after a clean up from illegal dumping	No	N/A
August 18, 2022 10:55	700 block of FM 813 Palmer, Tx 75152	Photo mission	No	Photo of a fire scene	Yes	Photos and video
October 17, 2022 11:15am	7200 block of Spring Branch, Midlothian, Tx 75065	Photo mission	No	Photo of a fire scene	Yes	Photos and video

Costs	Current Reporting Period	Description
Acquisition	January 2021 – December 2022	9256.36
Maintenance	January 2021 – December 2022	526.55
Repairs	January 2021 – December 2022	
Operations	January 2021 – December 2022	164.89
Training	January 2021 – December 2022	324.00
Other	January 2021 – December 2022	
Total		10,274.80

Total number of flights	30
Number of Criminal Investigations aided by UAS	6
Number of other uses by law enforcement	24