



Harris County Sheriff's Office

Texas Government Code Sec. 423.008

Law Enforcement Use of UAS Report

January 1, 2019 – December 31, 2020

This document has been created to meet the requirement for law enforcement use of Unmanned Aircraft Systems (UAS) according to Sec 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 Texas Governor, the Lieutenant Governor, and each member of the Legislature. The document shall include the following:

1. The number of times an unmanned aircraft was used, organized by date, time, location, and 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;
5. The total cost of acquiring, maintaining, repairing, and operating or otherwise using each unmanned aircraft for the preceding 24 months.

| Date | Time | Location | Incident Type | Justification | Description/How UAS Aided Operation or Criminal Investigation | Type and frequency of information collected on an individual, residence, property, or area which was not the subject of an LE operation |
|------------|----------|---|---------------|---------------|---|---|
| 10/9/2019 | 09:15hrs | 10400 GreenCreek Dr Houston, TX 77070 | Training | Training | Training w/HCSO K9 | N/A |
| 10/18/2019 | 11:45hrs | 2326 Ygnacio Rd Humble, TX 77396 | Training | Training | Flight Training | N/A |
| 11/18/2019 | 13:15hrs | 2326 Ygnacio Rd Humble, TX 77396 | Training | Training | Flight Training | N/A |
| 12/2/2019 | 08:00hrs | 20803 Stuebner Airline Spring, TX 77379 | Training | Training | Classroom & Flight Training | N/A |
| 12/3/2019 | 08:00hrs | 20804 Stuebner Airline Spring, TX 77379 | Training | Training | Classroom & Flight Training | N/A |

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|-----------|----------|---|--------------------|--|--|-----|
| 1/7/2020 | 08:45hrs | 23170 Fairlake Ln. Huffman, TX 77336 | Data Collection | Request by US Fish & Wildlife Service | Video of Bald Eagle's nest near construction site | N/A |
| 1/13/2020 | 08:00hrs | 9669 Grogans Mill Spring, TX 77380 | Training | Training | Classroom & Flight Training | N/A |
| 1/14/2020 | 08:00hrs | 9669 Grogans Mill Spring, TX 77380 | Training | Training | Classroom & Flight Training | N/A |
| 2/18/2020 | 08:00hrs | 9669 Grogans Mill Spring, TX 77380 | Training | Training | Classroom & Flight Training | N/A |
| 2/19/2020 | 08:00hrs | 9669 Grogans Mill Spring, TX 77380 | Training | Training | Flight Training | N/A |
| 3/17/2020 | 09:00hrs | 2330 Ygnacio Rd Humble, TX 77396 | Training | Monthly Mandated Training | Flight Training | N/A |
| 3/20/2020 | 15:45hrs | 13755 S. Main St Houston, TX 77035 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/21/2020 | 11:50hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/22/2020 | 10:00hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/23/2020 | 09:42hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/23/2020 | 12:17hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/24/2020 | 09:24hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/24/2020 | 12:04hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/25/2020 | 10:21hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/25/2020 | 14:07hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/26/2020 | 11:00hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/26/2020 | 13:00hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 3/31/2020 | 11:30hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/14/2020 | 09:30hrs | 700 Graham Dr Tomball, TX 77375 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/14/2020 | 11:00hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/14/2020 | 12:30hrs | 13828 Corpus Christi St Houston, TX 77015 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/14/2020 | 15:00hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |

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|-----------|----------|---|--------------------|------------------------------|---|-----|
| 4/15/2020 | 10:30hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/15/2020 | 11:30hrs | 13828 Corpus Christi St Houston, TX 77015 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/15/2020 | 15:00hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/15/2020 | 16:00hrs | 700 Graham Dr Tomball, TX 77375 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/16/2020 | 10:30hrs | 700 Graham Dr Tomball, TX 77375 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/16/2020 | 11:30hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/16/2020 | 12:15hrs | 13828 Corpus Christi St Houston, TX 77015 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/16/2020 | 13:00hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/17/2020 | 10:30hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/17/2020 | 12:00hrs | 16756 Westheimer Pkwy Houston, TX 77082 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/17/2020 | 13:15hrs | 9400 Hall Rd Houston, TX 77089 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/17/2020 | 14:15hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/20/2020 | 10:30hrs | 8233 Will Clayton Pkwy Humble, TX 77338 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/20/2020 | 11:30hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/20/2020 | 12:30hrs | 15107 Cullen Blvd Houston, TX 77047 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/20/2020 | 14:00hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/21/2020 | 10:30hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/21/2020 | 11:30hrs | 15107 Cullen Blvd Houston, TX 77047 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/21/2020 | 12:15hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/21/2020 | 13:15hrs | 8233 Will Clayton Pkwy Humble, TX 77338 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/24/2020 | 11:30hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/24/2020 | 12:00hrs | 2330 Ygnacio Rd Humble, TX 77396 | Training | Monthly Mandated Training | Flight Training | N/A |

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|-----------|----------|---|--------------------|----------|---|-----|
| 4/24/2020 | 12:30hrs | 1000 Keene St. Galena Park, TX 77547 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/24/2020 | 13:30hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/24/2020 | 14:30hrs | 17560 Roberts Rd. Hockley, TX 77447 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/25/2020 | 10:00hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/25/2020 | 11:00hrs | 1000 Keene St. Galena Park, TX 77547 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/25/2020 | 13:00hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/25/2020 | 14:00hrs | 17560 Roberts Rd. Hockley, TX 77447 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/26/2020 | 10:00hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/26/2020 | 11:00hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/27/2020 | 10:30hrs | 700 Graham Dr Tomball, TX 77375 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/27/2020 | 11:30hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/27/2020 | 13:00hrs | 9600 Hall Rd Houston, TX 77089 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/27/2020 | 14:00hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/28/2020 | 10:30hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/28/2020 | 12:00hrs | 9600 Hall Rd Houston, TX 77089 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/28/2020 | 13:30hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 4/28/2020 | 14:00hrs | 700 Graham Dr Tomball, TX 77375 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/5/2020 | 11:00hrs | 8233 Will Clayton Pkyw Humble, TX 77338 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/5/2020 | 12:00hrs | 6500 E. Sam Houston Pwy. N. Houston, TX | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/5/2020 | 13:00hrs | 500 W. 13th St. Deer Park, TX 77536 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/5/2020 | 14:00hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/5/2020 | 15:00hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |

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| 5/5/2020 | 15:00hrs | 9191 Barker Cypress Rd Cypress, TX 77433 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/8/2020 | 10:00hrs | 5175 Franz Rd Katy, TX 77493 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/8/2020 | 11:00hrs | 8233 Will Clayton Pkwy Humble, TX 77338 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/8/2020 | 12:00hrs | 2102 E. Archer Rd. Baytown, TX 77521 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/8/2020 | 13:00hrs | 6500 E. Sam Houston Pwy. N. Houston, TX | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/8/2020 | 14:00hrs | 500 W. 13th St. Deer Park, TX 77536 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/8/2020 | 15:00hrs | 9191 Barker Cypress Rd Cypress, TX 77433 | Data Collection | HCSO HSB | Aerial Photo/Video - Covid 19 testing site | N/A |
| 5/13/2020 | 13:00hrs | 310 Fisher Rd Humble, TX | Training | Testing | Testing equipment | N/A |
| 5/15/2020 | 11:30hrs | 5023 Spring Cypress Spring, TX 77379 | Crowd Control | HCSO Dist. 1 Tac | Overwatch on crowd | N/A |
| 6/2/2020 | 19:00hrs | 1200 Baker St. Houston, TX 77002 | Crowd Control | HCSO Personnel Deployment | Overwatch on large crowd | N/A |
| 7/8/2020 | 9:00hrs | 3452 Fellows Rd Houston, TX 77047 | Photo Mission | HCSO Motors Unit | Aerial Photo/Video - Motors Training | N/A |
| 7/16/2020 | 14:30hrs | 14000 Luthe Rd Houston, TX 77039 | Search | CFS | Aerial Search | N/A |
| 7/23/2020 | 14:50hrs | 15215 Vincennes Oak St Cypress, TX 77429 | Barricaded Suspect | HCSO SWAT Scene | Overwatch/Intel - SWAT Operation | N/A |
| 7/25/2020 | 11:30hrs | 6826 FM 1942 Rd Baytown, TX 77521 | Photo Mission | HCSO Homicide/OIS Shooting | Aerial Images of Scene | N/A |
| 8/6/2020 | 09:00hrs | 17417 Village Green Jersey Village, TX 77040 | Training | Monthly Mandated Training | Flight/Classroom Training | N/A |
| 9/8/2020 | 18:05hrs | 17000 Beaumont Hwy | Overwatch | HCSO SID | Overwatch - SID Operation | N/A |
| 9/17/2020 | 18:00hrs | 17000 Beaumont Hwy | Overwatch | HCSO SID | Overwatch - SID Operation | N/A |
| 10/1/2020 | 13:00hrs | 2310 Atascocita Rd | Training | Training | Training w/HCSO SRG | N/A |
| 10/2/2020 | 10:00hrs | 2310 Atascocita Rd | Training | Training | Training w/HCSO SRG | N/A |
| 10/5/2020 | 08:00hrs | 8160 Chandler Rd. Hutto, TX | Training | Training | Classroom & Flight Training | N/A |
| 10/6/2020 | 08:00hrs | 8160 Chandler Rd. Hutto, TX | Training | Training | Classroom & Flight Training | N/A |
| 10/26/2020 | 16:20hrs | 14718 Woodford Dr. Houston, TX 77015 | Barricaded Suspect | HCSO SWAT Scene | Overwatch/Intel - SWAT Operation | N/A |

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| 10/27/2020 | 13:30hrs | 12200 FM 529 Houston, TX 77041 | Fatality Crash | HCSO Vehicle Crimes Unit | Aerial Photos of Scene | N/A |
| 11/13/2020 | 13:00hrs | 2330 Ygnacio Rd Humble, TX 77396 | Training | Training | Flight Training | N/A |
| 11/16/2020 | 07:30hrs | 2330 Ygnacio Rd Humble, TX 77396 | Training | Monthly Mandated Training | Flight Training | N/A |
| 11/24/2020 | 08:00hrs | 2330 Ygnacio Rd Humble, TX 77396 | Training | Equipment Setup | Training | N/A |
| 12/3/2020 | 13:00hrs | 18200 Mantana Spring, TX 77379 | Training | Training | Flight Training | N/A |
| 12/4/2020 | 10:00hrs | 18200 Mantana Spring, TX 77379 | Training | Training | Flight Training | N/A |
| 12/16/2020 | 10:30hrs | 9600 Stella Link @ S Loop W Houston, TX 77025 | Major Crash w/SBI | HCSO Vehicle Crimes Unit | Aerial Photos of Scene | N/A |
| 12/17/2020 | 09:00hrs | 2330 Ygnacio Rd Humble, TX 77396 | Training | Training | Flight Training | N/A |
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| Costs | Current Reporting Period | Description |
|--------------|--------------------------|--|
| Acquisition | \$36,146.91 | sUAS Hardware and Related Equipment |
| Maintenance | | |
| Repairs | | |
| Operations | | |
| Training | \$24,000.00 | Flight Training to include FAA Part 107 Testing & 8 Training sUAS |
| Other | \$23,822.00 | sUAS Related Mapping and Flight Software |
| Total | \$83,968.91 | |