



City of Arlington Police Department

REPORT FOR THE USE OF SMALL UNMANNED AIRCRAFT SYSTEMS

January 1, 2013 – December 31, 2014



City of Arlington Police Department
Report for the Use of Small Unmanned Aircraft Systems
January 1, 2013 through December 31, 2014

This document satisfies the reporting requirements mandated by H.B. 912 related to the use of unmanned aircraft.

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.

The Arlington Police Department (APD) is authorized by the Federal Aviation Administration to operate two 11-pound battery-powered helicopters and conducted flights during the reporting period. In accordance with H.B. 912, this report includes:

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

In addition, the APD retains the report for public viewing at its headquarters located at 620 W. Division Street in Arlington, Texas and has posted the report on the department's publicly accessible website at www.arlingtonpd.org.



City of Arlington Police Department
Report for the Use of Small Unmanned Aircraft Systems
 January 1, 2013 through December 31, 2014

Date	Time	Location	Incident Type	Justification	Description	Type and frequency of information collected on an individual, residence, property, or area which was not the subject of an LE operation
1/15/2013	13:00	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training*	N/A
1/16/2013	13:00	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
2/5/2013	13:00	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
2/7/2013	11:11	5500 Lake Arlington Dam	Training	Training	FAA on-site inspection for Certificate of Authorization approval	N/A
2/11/2013	16:24	5500 Lake Arlington Dam	Training	Training	Initial pilot training for pilot certification on UAS platform	N/A
2/13/2013	9:55	5500 Lake Arlington Dam	Training	Training	Initial pilot training for pilot certification on UAS platform	N/A
2/14/2013	10:15	5500 Lake Arlington Dam	Training	Training	Initial pilot training for pilot certification on UAS platform	N/A
3/19/2013	16:05	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
3/28/2013	13:14	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
5/13/2013	11:13	1600 W. Park Row Dr	Fatal Crash	Official Investigation	Video of vehicles involved in fatal traffic crash and of resulting debris field	N/A
5/24/2013	9:40	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
6/7/2013	12:50	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
6/28/2013	10:10	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
7/12/2013	10:26	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
8/9/2013	11:30	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
8/16/2013	11:45	5500 Lake Arlington Dam	Training	Training	Test flight to ensure proper functioning of repaired control surface area	N/A
8/23/2013	10:45	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
9/17/2014	14:00	5500 Lake Arlington Dam	Training	Training	Ground Station flight training	N/A
9/18/2013	10:58	5500 Lake Arlington Dam	Training	Training	Ground Station flight training	N/A
9/19/2013	9:37	5500 Lake Arlington Dam	Training	Training	Ground Station flight training	N/A
10/25/2013	11:30	5500 Lake Arlington Dam	Training	Training	Joint training with APD traffic unit	N/A
10/28/2013	11:30	1135 Silverwood Dr	Tactical Event	Official Investigation	Patrol responded to a shooting call where the suspect shot and killed someone in an apartment parking lot and then barricading himself. Based upon the suspect having a rifle, UAS was used to search for other victims within the suspect's line of fire. Our SWAT Team was able to collect vital intelligence without going into harm's way to bring suspect into custody.	N/A



City of Arlington Police Department
Report for the Use of Small Unmanned Aircraft Systems
 January 1, 2013 through December 31, 2014

Date	Time	Location	Incident Type	Justification	Description	Type and frequency of information collected on an individual, residence, property, or area which was not the subject of an LE operation
11/8/2013	11:13	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
12/12/2013	11:30	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
1/24/2014	11:15	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training*	N/A
2/28/2014	11:13	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
3/28/2014	10:36	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
4/14/2014	11:25	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A
10/3/2014	11:00	1207 California Ln	Training	Training	Test flight on UAS	N/A
10/3/2014	15:30	3001 W. Division St.	Storm Damage Assessment	Assess storm damage	The storm system destroyed buildings across the city in three different zones and there were widespread power outages that lasted for days. The Arlington Emergency Operation Center requested video of damaged area for storm path assessment so that proper allocation of city resources could be matched to the hardest hit areas.	Video storm damage
10/3/2014	15:55	2111 W. Division St.	Storm Damage Assessment	Assess storm damage	Arlington Emergency Operation Center requested video of damaged area for storm path assessment	Video storm damage
10/6/2014	14:24	1100 S. Pecan St.	Storm Damage Assessment	Assess storm damage	Arlington Emergency Operation Center requested video of damaged area for storm path assessment	Video storm damage
10/6/2014	15:26	1600 Industrial Dr.	Storm Damage Assessment	Assess storm damage	Arlington Emergency Operation Center requested video of damaged area for storm path assessment	Video storm damage
10/16/2014	11:04	5500 Lake Arlington Dam	Training	Training	Test flight on repaired UAS that was damaged during training	N/A
11/14/2014	11:12	5500 Lake Arlington Dam	Training	Training	FAA Monthly currency training	N/A

Normal Currency Training is defined as an FAA requirement training flight. All FAA licensed pilots are required to maintain their flight currency by completing flights to include at least three take off's and three landing's within the previous rolling 90-day period.



City of Arlington Police Department
Report for the Use of Small Unmanned Aircraft Systems
 January 1, 2013 through December 31, 2014

Costs	Reporting Period	Description
Acquisition	\$3,888.08	Tablets to store all required flight documents, checklists, standard operating procedures, weather applications, and flight log applications.
Maintenance	\$4,194.45	Replacement batteries for helicopters.
Repairs	\$376.07	Costs related to shipping helicopter back to vendor for repairs
Operations	\$0.00	No expenses
Training	\$8,822.98	Certification training of Ground Station and Auto Pilot Operation for all pilots.
Medical Certifications	\$600.00	Medical Licenses for pilots.
Other	\$3,628.03	Communication equipment and public education display equipment
Total	\$12,651.01	