




To the Governor, Lieutenant Governor, and Legislative Members:

The following correspondence is being transmitted to document the usage of unmanned aircraft systems by Dallas Fire-Rescue in accordance with Government Code Section 423.008. The Dallas Fire-Rescue's Drone Unit is operating as part of the Fire Investigation and Explosive Ordnance Disposal Division. All members of this unit are licensed peace officers. The unit has a total of 12 drones at our disposal to deploy for emergency operations.

Since our last submitted report on January 12, 2023, Dallas Fire-Rescue has flown a total of 158 flights. 67 of the listed flights were conducted for structure fires, grass fires, life safety, or educational purposes. At an active fire scene, the drone pilots are using the thermal function on the UAS camera to assist Incident Command in analyzing the scene to determine the fire flow and identifying hot spots. This allows Incident Command to guide firefighters and resources to areas where they will be more effectively utilized to extinguish the fire. 12 of the flights listed were conducted for the Office of Data Analytics and Business Intelligence to assist with the assessment of storm damage from severe storms that rolled through Dallas County on May 29, 2024. 7 Flights were conducted with the swift water/water rescue unit of Dallas Fire-Rescue's Urban Search and Rescue division (USAR) to assist with searches for victims in large bodies of water and over vast areas.

One flight was conducted during an active Dallas Police Department scene. The flight occurred on May 15, 2023, at 7:17am. The location was 1717 Jeffries Street, Dallas, Dallas County, Texas 75226. The incident was initially transmitted as a suicide attempt with Dallas Fire-Rescue taking the lead. The call notes stated that a homeless male had climbed a radio tower with the intent of jumping off to end his life. Dallas Fire-Rescue's drone unit was requested by DFR's incident command to allow the members of USAR to obtain a better viewing angle of the person. Incident Command and the members of USAR wanted to utilize the live stream from the UAS to ascertain their situation and determine what equipment they need to take with them. Before the pilots for DFR arrived on scene the Battalion Chief in charge of incident command was informed that the male had a handgun inside the backpack he was carrying as he climbed the radio tower. The information about the handgun caused the scene to transition from a Dallas Fire-Rescue scene to a Dallas Police Department scene. Since DFR's drone unit was on scene we continued to monitor the subject providing a better viewing angle for everyone. DFR's drone unit continued to monitor the person until Air1 arrived. When Air1 had to leave to refuel DFR's UAS resumed the responsibility of monitoring the subject until DPD's drone unit arrived. When DPD's drone unit was ready to launch DFR landed their UAS and cleared the scene. The subject was eventually encouraged to climb down, and no handgun was found. The subject was issued a criminal trespass warning and taken to Baylor S&W Medical Center to be evaluated. The remaining 90 flights that were conducted were training flights.

The expenses that were accrued by the DFR's drone unit from January 12, 2023 - January 1, 2025, came to a grand total of \$98,421.88. \$92,661.88 of the grand total were used to purchase additions to the fleet. The purchase included one DJI M30T, two Fotokite Sigma mobile units (tethered drones) and licenses. \$2,816.00 were used to purchase two DJI Avatas to be used for flights in confined spaces and the interior of structures ruled unstable. A delivery system (DroMight Talon Drop System) was purchased for the DJI M300 for \$1299.00. Finally, \$1645.00 was used for maintenance and repairs to the M300.


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DALLAS FIRE-RESCUE DEPARTMENT
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Dallas Fire-Rescue UAS Flights						
Date	Location	Start Time	End Time	NOTAM / LAANC	Scene	
1/6/2023	2410 Hudspeth Ave	8:51AM	9:01AM	49T01/126	Structure Fire	
1/6/2023	299 Stoneport Dr	11:00AM	12:30PM	CVE01/209	Structure Fire	
2/13/2023	13131 Preston Rd	1:40PM	1:56PM	FTW021489	Structure Fire	
3/16/2023	13331 Preston Rd	8:39AM	8:40AM	ADS03/009	Structure Fire	
3/16/2023	13331 Preston Rd	7:58AM	9:25AM	ADS03/009	Structure Fire	
3/16/2023	13331 Preston Rd	11:48AM	12:06PM	Interior Flight	Structure Fire	
4/7/2023	3119 Bryan St	11:40AM	11:51AM	MQP04/186	Structure Fire	
4/18/2023	9601 Forest Lane	10:45AM	11:16AM	ADS04/012	Structure Fire	
5/9/2023	1000 N. Peak St	10:45AM	10:54AM	CVE05/286	Structure Fire	
5/15/2023	1717 Jeffries St	7:17AM	8:38AM	CVE05/464	Suicide Attempt	
7/15/2023	1201 Riverwood Rd	9:50AM	10:54AM	CVE07/421	Structure Fire	
7/18/2023	2200 S. Marsalis Ave	3:56PM	4:50PM	RBD07/011	Structure Fire	
7/30/2023	Botham Jean Blvd / S. Central Serv NB	7:04AM	10:10AM	49T07/931	Structure Fire	
8/10/2023	6888 FM 1382	10:32AM	10:52AM	TTT08/333	Grass Fire	
8/11/2023	6888 FM 1382	9:25AM	9:40AM	TTT08/364	Grass Fire	
8/18/2023	4656 Mar Vista Tri	10:22AM	10:29AM	ALTRIV94GHO	Structure Fire	
8/22/2023	2533 Jonesboro Ave	8:08AM	8:26AM	CVE08/614	Structure Fire	
8/25/2023	2719 Santa Cruz	3:07PM	3:15PM	CVE08/708	Structure Fire	
8/31/2023	2700 Combs Creek Dr	6:50AM	8:00AM	CVE08/872	Structure Fire	
10/16/2023	5820 West Grove Dr	10:49AM	10:57AM	ADS10/009	Structure Fire	
1/2/2024	1326 Sarah Lane	4:32PM	4:45PM	CVE01/035	Structure Fire	
1/10/2024	1822 Lear St	5:00AM	6:10AM	49T01/259	Structure Fire	
1/10/2024	1822 Lear St	7:56AM	8:45AM	49T01/265	Structure Fire	
1/29/2024	5000 Dolphin Rd	4:00PM	7:00PM	CVE02/178	Video Shoot - City Commercial	
2/20/2024	2031 N. Prairie Ave	2:04PM	2:24PM	ALTZL4G13Y20	Structure Fire	
4/5/2024	9709 Starlight Rd	3:15PM	3:45PM	DAL04/026	Structure Fire	
4/20/2024	4945 W Lawther	11:53PM	12:56AM	DAL04/119	Swift Water/Rescue	
4/24/2024	US HWY 80 EB	8:30AM	2:00PM	ZFW04/748	Swift Water/Rescue	
5/19/2024	S. Merrifield Rd	5:40PM	7:08PM	CVE05/566	Swift Water/Rescue	
5/23/2024	548 Ezekiel Ave	5:00AM	6:45AM	CUX05/707	Missing Child/USAR	
5/26/2024	4302 Swiss Ave	10:55PM	11:49PM	49T05/863	Structure Fire	
5/29/2024	Preston Rd / Beltline	1:00PM	1:30PM	ADS05/022	Damage Assessment-DBI	
5/29/2024	18212 Preston Rd	10:00AM	12:30PM	CVE05/053	Damage Assessment-DBI	
5/30/2024	Forest Ln / Abrams Rd	9:00AM	10:30AM	CVE05/088	Damage Assessment-DBI	
5/30/2024	Royal Ln / Abrams Rd	9:00AM	10:30AM	CVE05/088	Damage Assessment-DBI	
5/30/2024	Forest Ln / Hillcrest	12:30PM	2:00PM	CVE05/100	Damage Assessment-DBI	
5/30/2024	Forest Ln / Royal Ln	12:30PM	2:00PM	CVE05/100	Damage Assessment-DBI	
5/30/2024	2500 Royal Ln	2:00PM	3:30PM	DAL05/146	Damage Assessment-DBI	
5/30/2024	Colorado Blvd / Sylvan Ave	9:00AM	9:45AM	49T05/090	Damage Assessment-DBI	
5/30/2024	W Clarendon Dr / S Westmorland Rd	10:30AM	11:15AM	49T05/090	Damage Assessment-DBI	
5/30/2024	400 W Wooden Blvd	11:30AM	12:15PM	CVE05/093	Damage Assessment-DBI	
5/30/2024	Lake June Rd / Carbona Dr	1:00PM	1:30PM	CVE05/104	Damage Assessment-DBI	
5/30/2024	LaPrada Dr / Oates Dr	1:30PM	2:00PM	CVE05/104	Damage Assessment-DBI	
6/15/2024	11760 Ferguson Rd	7:34AM	8:23AM	CVE06/602	Structure Fire	
7/6/2024	1729 N Westmorland Rd	11:55AM	1:47PM	CVE07/161	Structure Fire	
7/14/2024	1988 E 8th St	6:42PM	7:00PM	49T07/444	Swift Water/Rescue	
7/15/2024	2201 N Lamar St	12:00PM	2:00PM	49T07/462	Structure Fire	
7/19/2024	602 N. Ervay St	8:06PM	11:45PM	49T07/621	Structure Fire	
7/20/2024	602 N. Ervay St	9:00AM	11:00AM	CVE07/636	Structure Fire	
8/11/2024	Anderson Ave / N Walton Walker Blvd	10:44AM	11:18AM	CVE08/273	Grass Fire	
8/26/2024	7750 Dynasty Dr	3:58PM	7:00PM	LNC08/001	Structure Fire	
9/15/2024	3116 Park Ln	2:00PM	6:30PM	CVE09/121	Structure Fire	
9/15/2024	3757 Falls Bluff Dr	9:19PM	9:44PM	CVE09/346	Missing Person / USAR	
10/5/2024	8350 Forest Ln	3:29PM	4:12PM	CVE10/133	Structure Fire	
10/12/2024	2665 Lombardy Dr	7:46PM	8:14PM	CVE10/294	Structure Fire	
10/13/2024	3313 S. Beckley Ave	7:00AM	10:16AM	CVE10/312	Structure Fire	
10/14/2024	18820 Tupelo Ln	8:26PM	8:33PM	F6908/185	Investigation	
10/21/2024	1440 Prudential Dr	11:43PM	1:27AM	DAL10/058	Pallet / Structure Fire	
10/22/2024	1440 Prudential Dr	4:17AM	4:22AM	DAL10/062	Pallet / Structure Fire	
10/22/2024	139 Prairie Creek Rd	6:00AM	7:14AM	FUZ10/562	Grass Fire	
10/26/2024	1027 S Riverfront Blvd	2:30PM	2:35PM	49T10/627	Structure Fire	
10/27/2024	10405 Denton Dr	5:45PM	8:21PM	DAL10/091	Structure Fire	
10/30/2024	4664 Counts Blvd	1:15AM	3:40AM	CVE10/756	Grass Fire	
11/3/2024	7575 W Kiest Blvd	9:53PM	10:21PM	17T11/224	Swift Water/Rescue	
11/9/2024	5791 Botham Jean Blvd	3:07PM	3:28PM	17T11/204	Grass Fire	
12/3/2024	11363 Amanda Ln	12:29PM	12:51PM	T8712/224	Structure Fire	
12/7/2024	6400 W Redbird Ln	10:32AM	10:38AM	T1112/224	Education	
12/7/2024	11363 Amanda Ln	12:29PM	12:51PM	T5712/224	Structure Fire	

DALLAS FIRE- RESCUE UAS TRAINING FLIGHTS

Date	Location	Start Time	End Time	NOTAM / LAANC
1/6/2023	5000 Dolphin Rd	1:52PM	2:27PM	49T01/128
3/1/2023	5000 Dolphin Rd	10:48AM	11:12AM	CVE03/017
3/10/2023	5000 Dolphin Rd	2:45PM	2:50PM	CVE03/023
3/13/2023	5000 Dolphin Rd	11:31AM	11:58AM	49T03/347
3/13/2023	5000 Dolphin Rd	11:48AM	12:06PM	Interior Flight
3/22/2023	5000 Dolphin Rd	1:30PM	1:47PM	Interior Flight
3/22/2023	5000 Dolphin Rd	1:48PM	2:04PM	Interior Flight
3/22/2023	5000 Dolphin Rd	2:08PM	2:20PM	Interior Flight
3/25/2023	5000 Dolphin Rd	9:00AM	11:30AM	Interior Flight
5/22/2023	5000 Dolphin Rd	1:30PM	1:45PM	Interior Flight
5/22/2023	5000 Dolphin Rd	1:55PM	2:05PM	Interior Flight
5/22/2023	5000 Dolphin Rd	2:07PM	2:21PM	Interior Flight
5/22/2023	5000 Dolphin Rd	2:25PM	2:40PM	Interior Flight
5/22/2023	5000 Dolphin Rd	2:40PM	2:57PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:09PM	3:25PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:11PM	3:30PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:31PM	3:56PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:33PM	4:06PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:52PM	4:11PM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:08AM	8:28AM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:11AM	8:26AM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:27AM	8:42AM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:29AM	8:45AM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:43AM	8:57AM	Interior Flight
5/23/2023	5000 Dolphin Rd	9:03AM	9:17AM	Interior Flight
5/23/2023	5000 Dolphin Rd	9:19AM	9:34AM	Interior Flight
5/23/2023	5000 Dolphin Rd	9:20AM	9:35AM	Interior Flight
5/23/2023	5000 Dolphin Rd	9:49AM	10:02AM	Interior Flight
5/23/2023	5000 Dolphin Rd	10:11AM	10:33AM	Interior Flight
5/23/2023	5000 Dolphin Rd	1:02PM	1:20PM	Interior Flight
5/23/2023	5000 Dolphin Rd	1:21PM	1:36PM	Interior Flight
5/23/2023	5000 Dolphin Rd	1:39PM	1:55PM	Interior Flight
5/23/2023	5000 Dolphin Rd	1:56PM	2:12PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:15PM	2:30PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:22PM	2:50PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:35PM	2:53PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:39PM	2:55PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:40PM	2:55PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:54PM	3:04PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:00PM	3:16PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:12PM	3:31PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:20PM	3:30PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:33PM	3:45PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:32PM	3:46PM	Interior Flight
5/24/2023	4616 Langdon Rd	9:00PM	9:21PM	CVE05/741
5/24/2023	4616 Langdon Rd	9:26PM	9:38PM	CVE05/741
5/24/2023	4616 Langdon Rd	9:32PM	9:48PM	CVE05/741
5/24/2023	4616 Langdon Rd	9:38PM	9:50PM	CVE05/741
5/24/2023	4616 Langdon Rd	10:00PM	10:14PM	CVE05/741
5/24/2023	4616 Langdon Rd	10:00PM	10:17PM	CVE05/741
5/24/2023	4616 Langdon Rd	10:12PM	10:31PM	CVE05/741

DALLAS FIRE- RESCUE UAS TRAINING FLIGHTS

Date	Location	Start Time	End Time	NOTAM / LAANC
1/6/2023	5000 Dolphin Rd	1:52PM	2:27PM	49T01/128
3/1/2023	5000 Dolphin Rd	10:48AM	11:12AM	CVE03/017
3/10/2023	5000 Dolphin Rd	2:45PM	2:50PM	CVE03/023
3/13/2023	5000 Dolphin Rd	11:31AM	11:58AM	49T03/347
3/13/2023	5000 Dolphin Rd	11:48AM	12:06PM	Interior Flight
3/22/2023	5000 Dolphin Rd	1:30PM	1:47PM	Interior Flight
3/22/2023	5000 Dolphin Rd	1:48PM	2:04PM	Interior Flight
3/22/2023	5000 Dolphin Rd	2:08PM	2:20PM	Interior Flight
3/25/2023	5000 Dolphin Rd	9:00AM	11:30AM	Interior Flight
5/22/2023	5000 Dolphin Rd	1:30PM	1:45PM	Interior Flight
5/22/2023	5000 Dolphin Rd	1:55PM	2:05PM	Interior Flight
5/22/2023	5000 Dolphin Rd	2:07PM	2:21PM	Interior Flight
5/22/2023	5000 Dolphin Rd	2:25PM	2:40PM	Interior Flight
5/22/2023	5000 Dolphin Rd	2:40PM	2:57PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:09PM	3:25PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:11PM	3:30PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:31PM	3:56PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:33PM	4:06PM	Interior Flight
5/22/2023	5000 Dolphin Rd	3:52PM	4:11PM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:08AM	8:28AM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:11AM	8:26AM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:27AM	8:42AM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:29AM	8:45AM	Interior Flight
5/23/2023	5000 Dolphin Rd	8:43AM	8:57AM	Interior Flight
5/23/2023	5000 Dolphin Rd	9:03AM	9:17AM	Interior Flight
5/23/2023	5000 Dolphin Rd	9:19AM	9:34AM	Interior Flight
5/23/2023	5000 Dolphin Rd	9:20AM	9:35AM	Interior Flight
5/23/2023	5000 Dolphin Rd	9:49AM	10:02AM	Interior Flight
5/23/2023	5000 Dolphin Rd	10:11AM	10:33AM	Interior Flight
5/23/2023	5000 Dolphin Rd	1:02PM	1:20PM	Interior Flight
5/23/2023	5000 Dolphin Rd	1:21PM	1:36PM	Interior Flight
5/23/2023	5000 Dolphin Rd	1:39PM	1:55PM	Interior Flight
5/23/2023	5000 Dolphin Rd	1:56PM	2:12PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:15PM	2:30PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:22PM	2:50PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:35PM	2:53PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:39PM	2:55PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:40PM	2:55PM	Interior Flight
5/23/2023	5000 Dolphin Rd	2:54PM	3:04PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:00PM	3:16PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:12PM	3:31PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:20PM	3:30PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:33PM	3:45PM	Interior Flight
5/23/2023	5000 Dolphin Rd	3:32PM	3:46PM	Interior Flight
5/24/2023	4616 Langdon Rd	9:00PM	9:21PM	CVE05/741
5/24/2023	4616 Langdon Rd	9:26PM	9:38PM	CVE05/741
5/24/2023	4616 Langdon Rd	9:32PM	9:48PM	CVE05/741
5/24/2023	4616 Langdon Rd	9:38PM	9:50PM	CVE05/741
5/24/2023	4616 Langdon Rd	10:00PM	10:14PM	CVE05/741
5/24/2023	4616 Langdon Rd	10:00PM	10:17PM	CVE05/741
5/24/2023	4616 Langdon Rd	10:12PM	10:31PM	CVE05/741

DALLAS FIRE- RESCUE UAS TRAINING FLIGHT!

Date	Location	Start Time	End Time	NOTAM / LAANC
5/24/2023	4616 Langdon Rd	10:14PM	10:30PM	CVE05/741
5/24/2023	4616 Langdon Rd	10:14PM	10:32PM	CVE05/741
5/24/2023	4616 Langdon Rd	10:35PM	10:38PM	CVE05/741
5/25/2023	5000 Dolphin Rd	8:35AM	8:49AM	Interior Flight
5/26/2023	5000 Dolphin Rd	2:00PM	3:00PM	Interior Flight
6/28/2023	925 N Jim Miller Rd	9:30AM	9:32AM	CVE06/247
6/28/2023	925 N Jim Miller Rd	9:51AM	9:55AM	CVE06/247
6/29/2023	6238 Bonnie View Rd	12:36PM	12:38PM	ALTRM6APNLO
6/29/2023	6238 Bonnie View Rd	12:06PM	12:29PM	ALTRM6KPA1LO
10/10/2023	201 N Jim Miller Rd	9:45AM	10:01AM	CVE10/238
10/11/2023	201 N Jim Miller Rd	9:49AM	10:03AM	CVE10/289
10/12/2023	201 N Jim Miller Rd	9:45AM	9:57AM	CVE10/262
1/23/2024	5000 Dolphin Rd	8:00AM	12:00PM	CVE02/145
2/28/2024	405 Longcreek Rd	9:03AM	9:21AM	HQZ02/005
3/26/2024	2413 Rowlett Rd	10:14AM	11:35AM	CVE03/769
3/27/2024	2413 Rowlett Rd	9:59AM	11:05AM	CVE03/796
3/28/2024	2413 Rowlett Rd	10:26AM	11:13AM	CVE03/823
6/10/2024	650 S Griffin St	9:15AM	11:15AM	Interior Flight
6/10/2024	650 S Griffin St	9:15AM	11:15AM	Interior Flight
6/10/2024	650 S Griffin St	1:00PM	1:05PM	Interior Flight
6/10/2024	650 S Griffin St	1:10PM	2:10PM	Interior Flight
6/10/2024	650 S Griffin St	2:00PM	2:15PM	Interior Flight
6/10/2024	650 S Griffin St	2:15PM	2:30PM	Interior Flight
6/10/2024	650 S Griffin St	2:10PM	5:25PM	Interior Flight
6/10/2024	650 S Griffin St	2:10PM	5:25PM	Interior Flight
6/10/2024	650 S Griffin St	2:20PM	2:45PM	Interior Flight
6/12/2024	5500 Scyene Rd	9:23PM	10:33PM	CVE06/518
6/12/2024	5500 Scyene Rd	9:58PM	11:06PM	CVE06/518
6/12/2024	5500 Scyene Rd	9:21PM	10:30PM	CVE06/518
6/12/2024	5500 Scyene Rd	9:55PM	11:02PM	CVE06/518
10/6/2024	5000 Dolphin Rd	1:10PM	1:43PM	49T10/146
10/12/2024	5150 Mockingbird Ln	12:40PM	12:49PM	RBD10/015
10/14/2024	222 Hensley Field Dr	8:30AM	10:30AM	TTT10/32
12/3/2024	13020 TI Blvd	9:34AM	2:56PM	CVE12/054
12/3/2024	13020 TI Blvd	8:30AM	6:00PM	Interior Flight
12/4/2024	13020 TI Blvd	9:09AM	1:47PM	CVE12/102
12/4/2024	13020 TI Blvd	8:30AM	6:00PM	Interior Flight
12/5/2024	13020 TI Blvd	8:58AM	9:14AM	CVE12/102
12/5/2024	13020 TI Blvd	8:30AM	6:00PM	Interior Flight