

Drone Deployment Incident Report

Date: June 1, 2020

Remote PIC: Officer A. Brennaman

MTPD Incident/Report Number: 20-1611

Aircraft: Skydio 2

On June 1, 2020 at approximately 2033 hours, officers were dispatched to 8800 Kingsridge Drive, Wal-Mart, for a theft in progress. Montgomery County Regional Dispatch advised the suspect was a white male, last seen wearing a blue jacket, blue jeans, black hat, and stole an iPhone. As officers arrived in the area, witnesses stated the suspect jumped the fenced in area around a secluded pond and was hiding in the tree line.

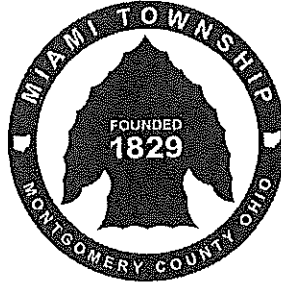
At 2049 hours, officers were able to set up a perimeter around the fenced in pond area and the Skydio 2 drone was deployed. The drone was utilized to conduct surveillance around the fenced in area and assist in locating the theft suspect. After a few minutes, the PIC was able to locate the suspect's blue jacket in the wooded area and directed officers towards the jacket via radio communications. As officers made their way towards the location of the jacket, they found the suspect. Officers gave verbal orders for the suspect to come out and safely detained the suspect.



POLICE DEPARTMENT

CHIEF OF POLICE CHARLIE STIEGELMEYER 2660 LYONS ROAD MIAMI TOWNSHIP, OHIO 45342

police@miamitownship.com phone (937) 433-2301 fax (937) 438-2337 www.miamitownship.com



Drone Deployment Incident Report

Date: July 4, 2020

Remote PIC: Officer A. Brennaman

MTPD Incident/Report Number: 20-1947

Aircraft: Skydio 2

On July 4, 2020 at approximately 2028 hours, I responded to 4380 Turtledove Way in reference to a follow up. Reference MTPD criminal damaging report #20-1947, I was assigned to take video of the damaged property which consisted of a penis being drawn in the grass of the residence with a grass killer chemical or similar to "Roundup."

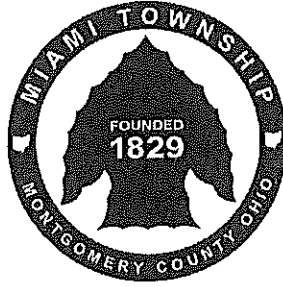
The video obtained with the UAV was later transferred to a compact disk and submitted into the property room as evidence for the case.



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Drone Deployment Incident Report

Date: October 10, 2020

Remote PIC: Officer A. Brennaman

MTPD Incident/Report Number: 20-2994

Aircraft: Skydio 2

On October 10, 2020 at approximately 1553 hours, officers responded to JC Penney's, 2700 Miamisburg-Centerville Rd., in reference to a theft in progress. As officers arrived in the area, the suspect was observed fleeing in a white 4-door sedan. Officers attempted to initiate a traffic stop but the vehicle failed to comply with the officer's lights and sirens. Officers did not pursue the suspect vehicle due to the risk to the general public outweighing the apprehension of the suspect.

A short time later, officers located the suspect vehicle in the parking lot of Wal-Mart, 8800 Kingsridge Dr., and attempted to stop the vehicle again. The vehicle once again failed to comply with the officer's orders and fled through the parking lot.

The Skydio 2 was deployed and aided patrol officers in maintaining visual contact with the suspect vehicle so they could follow from a safe distance. However, visual contact with the suspect vehicle was lost as it sped away from the UAV westbound on Outer Mall Ring Road towards Springboro Pike.

After checking the area further, officers successfully located the suspect vehicle in the mall parking lot unoccupied. Upon further investigation, the suspect was able to be identified as the registered owner and the stolen merchandise was recovered from inside the vehicle after obtaining a search warrant.

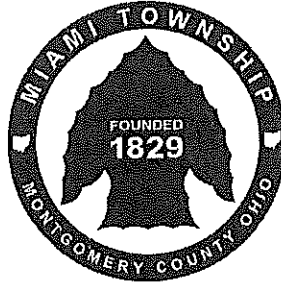
The Skydio 2 provided high quality video footage of the suspect fleeing from police and nearly colliding with other motorists due to her reckless driving. Because of this drone video, felony charges for fleeing and eluding will be presented to the prosecutor's office for review. The video provided from the Skydio 2 was booked into property as evidence.



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Drone Deployment Incident Report

Date: July 18, 2020

Remote PIC: Officer A. Brennaman

MTPD Incident/Report Number: MT20071800000043

Aircraft: Skydio 2

On July 18, 2020 at approximately 1753 hours, the drone was requested by Miamisburg PD Sergeant to the area of Chautauqua Road and Dayton-Cincinnati Pike in reference to a report of an airplane crashing into the river.

Callers reported seeing a single propeller yellow airplane flying extremely low and hitting the tops of trees in the area. Responding police and fire crews were unable to locate the plane upon arrival in the area. Miamisburg police requested the drone for additional assistance in locating the crash site. After approximately forty-five minutes of continuous searching of the river and the wooded area along the river's edge, the search was terminated.

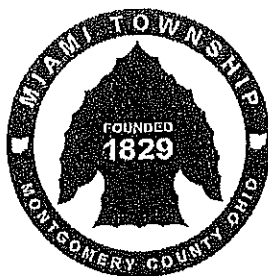
It was later determined that the described airplane had landed at the Moraine Airport safely.



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Drone Deployment Incident Report

Date: September 8, 2020

Remote PIC: Officer A. Brenneman

MTPD Incident/Report Number: MT20090800000047

Aircraft: Skydio 2

On September 8, 2020 at approximately 1554 hours, I was requested by the Chief of Police to conduct surveillance in the 800-block of Benner Rd. in attempt to locate a suspected camp site where potential suspects in a breaking and entering case were possibly residing.

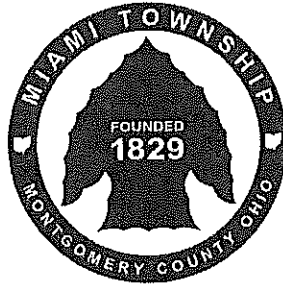
After several minutes, the PIC was able to locate the camp site and obtain still photographs for informational purposes. Those photos were later uploaded and forwarded to the Detective Sergeant.



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Drone Deployment Incident Report

Date: September 13, 2020

Remote PIC: Officer A. Brennaman

MTPD Incident/Report Number: MT20091300000026

Aircraft: Skydio 2

On September 13, 2020 at approximately 1528 hours, officers were dispatched to 3773 Summit Glen Dr., PetSuites of America, in reference to a suspicious person complaint.

The caller reported seeing a male living in the wooded area near the business which was making the employees feel unsafe during the overnight hours. Upon arrival, the drone was deployed in the area of the woods where the complainant believed the male was living. After searching in a systematic pattern, the drone successfully cleared the area and nobody was found.

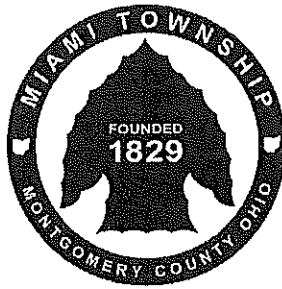
The complainant was advised of the findings and felt relieved.



POLICE DEPARTMENT

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Drone Use Report Skydio II

On April 16, 2021 I assisted the Miami Township Community Developer in surveying the Rivendell property for future development. On arrival I met with A. Carlson and C. Snyder. Permission to be on the property was previously obtained by A. Carlson.

I utilized the Skydio II drone in order to document the field and wooded area. I later provided all footage to A. Carlson and no copies were retained by the MTPD.

Time of Day:

Deployed around 1000 hours.

Time for Flight:

Used three batteries / Approximately 45 minutes of in air flight time.

Weather:

Cool / Windy / Light Clouds

Area:

Rural – Open Field / Wooded Areas

Issues:

Landing and take-off surface. Field debris in the way due to the low profile of the drone.

Drone Damage:

No damage, however, the drone rotors came into contact with vegetation at take-off and landing. This will be monitored in future training and other operations.

Sgt. J. Samples, MT74



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Skydio Demo at Alameda County

Fritz Reber <fritz@skydio.com>

Thu 4/15/2021 5:19 PM

To: Jim Munro <jamesm@cityofcloviss.com>; Maitlen, David <dmaitlen@torranceca.gov>; Chris Jones <rr1@lugofffire.com>; KSWilliams@eugene-or.gov <kswilliams@eugene-or.gov>; Donohue, Brendan <bdonohue@ossiningpolice.com>; michael.leckliter@coronaca.gov <michael.leckliter@coronaca.gov>; lfigueiredo@elizabethnj.org <lfigueiredo@elizabethnj.org>; Scott.Eckstein@cor.gov <scott.eckstein@cor.gov>; paulvavra91@gmail.com <paulvavra91@gmail.com>; ABryant@pascosheriff.org <abryant@pascosheriff.org>; Weber County <wcsardrone@gmail.com>; James LZ. Huggins <jhuggins@cityoflamesa.us>; dparks@roanoketexas.com <dparks@roanoketexas.com>; pclifton@coconino.az.gov <pclifton@coconino.az.gov>; dbarker@idahofallsidaho.gov <dbarker@idahofallsidaho.gov>; dweinberger@abrescue360.org <dweinberger@abrescue360.org>; Chris@Firehouseroad.com <Chris@firehouseroad.com>; chief8101@comcast.net <chief8101@comcast.net>; wechsler.ben@gmail.com <wechsler.ben@gmail.com>; Rwest@placer.ca.gov <Rwest@placer.ca.gov>

Cc: John Santry <john.santry@skydio.com>; Nick Billy <nick@skydio.com>; Elliott Kelly <elliott.kelly@skydio.com>; Emma Richman <emma.richman@skydio.com>; Kabe Termes <kabe@skydio.com>

What: Skydio X2 Demo (also Skydio 2, AEF, 3D Scan)

Where: Alameda County Training Center (6289 Madigan Road, Dublin CA)

When: This coming Wednesday, April 21st, at 1400 hours.

Who: The event is hosted by Alameda County Sheriff and all interested public safety UAS operators or teams are invited.

POC: cshepard@acgov.org

Hey All,

On Wednesday, April 21st (Next Wednesday) at 1400 hrs, The Skydio Team is going to be at the Regional Training Center located at 6289 Madigan Road in Dublin, CA to provide a hands-on demo of the new Skydio X2E as well as other Skydio Products like the Skydio 2, Autonomy Enterprise Foundation and 3D Scan software solutions.

Alameda County Sheriff's Department is hosting the demo at their Training Center and wishes to invite other interested agencies to attend. Please reach out to Alameda County Sheriff Sgt. Christian Shepard at cshepard@acgov.org or you may contact Skydio's Fritz Reber at fritz@skydio.com to let us know you'll be there.

Hope to see you and look forward to some flight time and discussion related to public safety UAS ops.

Please reply (only to me not to all :), or Sgt. Shepard if you intent to come

Thanks,
Fritz

--
Fritz Reber

Skydio-Head of Public Safety Integration

fritz@skydio.com

(619) 201-9281 c

[LinkedIn](#)

[Twitter](#)

ERP Recipients

Fritz Reber <fritz@skydio.com>

Fri 4/9/2021 7:33 PM

To: Steve Perry <steve.perry@madisonal.gov>; BMcMAHAN@shelbyso.com <bmcmahan@shelbyso.com>;
countycoroner@charter.net <countycoroner@charter.net>; grannispd401@gmail.com <grannispd401@gmail.com>;
polkchiefdeputy@sbcglobal.net <polkchiefdeputy@sbcglobal.net>; YCSRT <info@ycsrt.org>; Brian Hon <bhon@azdps.gov>;
James LZ. Huggins <jhuggins@cityofflamesa.us>; Martin, Tim <tmartin@hbpd.org>; gifford.michael@metrofire.ca.gov
<gifford.michael@metrofire.ca.gov>; Zack Bales <zbales@pd.cityofsacramento.org>; rsmith@ci.antioch.ca.us
<Rsmith@ci.antioch.ca.us>; Larsen, Scott <slarsen@riversidesheriff.org>; Ivan Valencia <Valencial@modestopd.com>; Jim
Munro <jamesm@cityofclovis.com>; Maitlen, David <dmaitlen@torranceca.gov>; FIRETAC7@GMAIL.COM
<FIRETAC7@gmail.com>; Little, Craig <craig.little@fire.lacounty.gov>; Dave Cameron <dcameron@campbellca.gov>;
kcavada@sbcfire.org <kcavada@sbcfire.org>
Cc: Mauricio Barra <mauricio@skydio.com>; Alex Netto <alex.netto@skydio.com>

Hey ERP Recipients,

Skydio is looking for anyone willing to come on a webinar and share a good use case story, or any time where the Skydio 2 was used during operations that made a difference, big or small. There are a few good candidates in the After Action Reports you all are sending in. Thanks for those! It seems you all are doing a lot of work using it to video/document crime scenes etc, so these are good to talk about as well so any use counts.

Send your stories (summary) via email to me and the marketing team (cc'd) if you have some you'd like to share and even talk about on a webinar.

In the meantime please continue to send AAR's here as you think of it, the engineering team likes to see issues and the marketing team likes to see good use cases.

AAR Form:

https://docs.google.com/forms/d/e/1FAIpQLSde9UYXMoHMcwIkVJ0B9N51KsWXGrCzEZ9Gh0SV1IpbsjZljA/viewform?usp=sf_link

Best,
Fritz

--

Fritz Reber
Skydio-Head of Public Safety Integration
fritz@skydio.com
(619) 201-9281 c
[LinkedIn](#)
[Twitter](#)

Re: Skydio 2 Photo

Fritz Reber <fritz@skydio.com>

Mon 3/8/2021 11:42 AM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Great stuff Alex,

I saw the post obviously, it's awesome! Thanks

On Sat, Mar 6, 2021 at 1:54 PM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

Attached is a photo we captured while obtaining photographs for our department's social media pages. We hope you like it and there will be more to come!

Respectfully,

Officer A. Brennaman
Miami Township Police Department
2660 Lyons Rd.
Miamisburg, OH. 45342
937-433-2301 ext. 1495



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Fritz Reber
Skydio-Head of Public Safety Integration
fritz@skydio.com

(619) 201-9281 c

[LinkedIn](#)

[Twitter](#)

Re: sUAS Training

Anthony Molina <AMolina@chulavistapd.org>

Mon 2/8/2021 1:39 PM

To: fritz reber <fritz@skydio.com>

Cc: Brennaman,Alex <abrennaman@miamitownship.com>; James Horst <JHorst@chulavistapd.org>

Good morning Alex,

Congrats on getting the support you need to initiate your drone program. I'm not in the office today but can take a call if you'd like to touch base on this. My personal is 619-840-8884. Try me any time today. If I don't answer I'll call you back as quick as possible.

Tony

On Feb 5, 2021, at 12:53 PM, fritz reber <fritz@skydio.com> wrote:

**Warning:External
Email**

Hey Alex,

I am sorry for the delay on this. This is great news! Looks like you are moving things along well. I was going to sit down and craft some ideas but frankly I've been out of the training game for a bit, so I thought I'd connect you to a couple of Chula Vista Sergeants that I know have been particularly innovative with training methods (especially during covid) and they may be able to share some interesting ideas. Jim and Tony have been cc'd. They might be busy, and I am out of town all next week, so if you hit a wall lets set up a call for the end of the week of the 15th. Hope that works, and congrats again on the good work,
Fritz

Sent from Mail for Windows 10

From: Brennaman,Alex

Sent: Thursday, February 4, 2021 7:18 PM

To: Fritz Reber

Subject: sUAS Training

Fritz,

The Chief of Police caught me in the locker room today and once again expressed his unconditional support for the drone program. He told me he would like it if I could develop and implement a monthly training for the department's sUAS team. He also gave his approval for the training to create overtime for the drone operators (big deal)!

My question to you is, would you be able to provide me with some training ideas/scenarios I could use while developing this monthly training schedule? Obviously, I would prefer the majority of the trainings to be practical exercises and keep the "classroom" portion at a minimum. But the Chief said he wants each training session to be about four hours in length.

Thanks in advance!

Officer A. Brennaman
Miami Township Police Department
2660 Lyons Rd.
Miamisburg, OH. 45342
937-433-2301 ext. 1495

<Outlook-iqislr00.png>

Skydio 2 Success Stories/incidents

Fritz Reber <fritz@skydio.com>

Wed 2/3/2021 8:06 PM

To: James LZ. Huggins <jhuggins@cityoflamesa.us>; Martin, Tim <tmartin@hbpd.org>; gifford.michael@metrofire.ca.gov <gifford.michael@metrofire.ca.gov>; Zack Bales <zbales@pd.cityofsacramento.org>; Larry Wood <woodl@pbso.org>; dbarker@idahofallsidaho.gov <dbarker@idahofallsidaho.gov>; rsmith@ci.antioch.ca.us <Rsmith@ci.antioch.ca.us>; Larsen, Scott <slarsen@riversidesheriff.org>; Don.Plant@sheriff.hctx.net <Don.plant@sheriff.hctx.net>; Miller, Sean <smiller@sandwichmass.org>; Buell, John <John.Buell@austintexas.gov>; Michael Ward <Michael.Ward@njsp.org>; Ivan Valencia <Valenciai@modestopd.com>; Kent Adams <kadams@romeoville.org>; allison.richmond@haywoodcountync.com <allison.richmond@haywoodcountync.com>; EMA@co.clark.in.us <ema@co.clark.in.us>; Ronnie Strain <ronnie_strain@co.hays.tx.us>; Jim Munro <jamesm@cityofclovis.com>; Weber County <wcsardrone@gmail.com>; thielmeyer@gmail.com <thielmeyer@gmail.com>

Cc: Kabe Termes <kabe@skydio.com>

Hey ERP recipients,

Just checking in with you all and would love to know if there are any success stories or incidents of interest you can share using the Skydio 2. We are always looking to highlight the good work of public safety and the value of drones for emergency response, training, or any other scenario where the drone made a difference.

Hope all else has been well,

Thanks in advance,

Fritz

--

Fritz Reber

Skydio-Head of Public Safety Integration

fritz@skydio.com

(619) 201-9281 c

[LinkedIn](#)

[Twitter](#)

RE: interesting article

Fritz Reber <fritz@rrpsc.com>

Thu 12/24/2020 3:50 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Cc: Don Redmond <don@rrpsc.com>

Outstanding, thanks Alex I appreciate it. Hope you have a safe and merry Christmas!

Sent from Mail for Windows 10

From: Brennaman,Alex

Sent: Wednesday, December 23, 2020 3:53 PM

To: Fritz Reber

Cc: Don Redmond

Subject: Re: interesting article

Fritz,

Thank you for reaching out. It's always nice to hear from you! I think we are all aware of this case involving the tragic death of the 16 year old in Cincinnati. However, I personally do not have any contacts at the Cincinnati PD but I can ask around for you if you would like?

As far as Live911 goes, MTPD is dispatched by the Montgomery County Regional Dispatch Center (RDC) which is managed and operated by the Montgomery County Sheriff's Office. The person who supervises the dispatch center and who you should speak with is MCSO Captain J. Wheeler.

The RDC dispatches for the majority of the agencies in the county (both Fire/EMS and Police) including the City of Dayton and of course the SO.

Captain Wheeler's Email- wheelerj@mcohiosheriff.org

I will give you a phone call to discuss this further.

Alex

On Dec 23, 2020, at 2:11 PM, Fritz Reber <fritz@rrpsc.com> wrote:

Alex,

Hey I wanted to hit you up about something not directly drone related. It's reference the below article. The news of the Kyle Plush article is something that just hit our radar here. I have cc'd Capt. Don Redmond from Chula Vista PD and we were wondering a couple of things...

[Kyle Plush wrongful death lawsuit can proceed against 5 Cincinnati employees, appeals court says \(fox19.com\)](#)

First, do you happen to have any contacts at the Cincinnati PD we could reach out to?

Second, since this is probably something you all are aware of in your area (and I don't have any other connects in your region), I wanted to know if you'd be interested in hearing about Live911 and telling me if it's something that makes sense in your ops.

It's a product that Don and I developed that addresses this exact issue and several agencies including CVPD are using it today to potentially avoid these tradjedies. I wanted to get a call with you to bounce the idea off of you to see if this would work at agencies like yours...not necessarily a sales call, just an exploratory call to update you on a product that's only been available for a few months.

Website:
www.Live911.com

The website has a ton of links including media stories and a 1 hour webinar that talks about the tech in detail

article:

<https://www.police1.com/police-products/police-technology/police-software/articles/live-streaming-911-calls-an-innovative-approach-to-officer-response-Pg1gyWmylGhaLFaj/>

Let me know if you are interested,
Call or text or email anytime,
Thanks
Fritz

Fritz Reber
Skydio/RR Public Safety Consulting
619 201-9281

FW: interesting article

Fritz Reber <fritz@rrpsc.com>

Wed 12/23/2020 2:11 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Cc: Don Redmond <don@rrpsc.com>

Alex,

Hey I wanted to hit you up about something not directly drone related. It's reference the below article. The news of the Kyle Plush article is something that just hit our radar here. I have cc'd Capt. Don Redmond from Chula Vista PD and we were wondering a couple of things...

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Website:

www.Live911.com

The website has a ton of links including media stories and a 1 hour webinar that talks about the tech in detail

article:

<https://www.police1.com/police-products/police-technology/police-software/articles/live-streaming-911-calls-an-innovative-approach-to-officer-response-Pg1gyWmylGhaLFaj/>

Let me know if you are interested,
Call or text or email anytime,
Thanks
Fritz

Fritz Reber
Skydio/RR Public Safety Consulting
619 201-9281

Re: Skydio 2 Crash

William Reber <fritz@skydio.com>

Fri 10/16/2020 4:57 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Oh bumper!! I'll get back to you

Sent from my iPhone

On Oct 16, 2020, at 1:54 PM, Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

In effort to improve UAV operations by following the guidance you provided, I struck powerlines in mid-flight while traveling at full speed. The Skydio 2 then fell from an altitude of approximately 30-50 feet and landed on the side of a roadway. The aircraft suffered moderate damage to the tail end but the gimble appears to have suffered only minor damage. I will send you detailed photos of the damage but I wanted to see if you would be able to provide me with an estimate to either repair or replace this aircraft so I can forward it to my administration? If need be, I can ship this unit to you.

Officer A. Brennaman
Miami Township Police Department
2660 Lyons Rd.
Miamisburg, OH. 45342
937-433-2301 ext. 1495

<Outlook-opl34ybw.png>

Re: Skydio 2 speed

Fritz Reber <fritz@skydio.com>

Mon 10/12/2020 5:19 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>; Guillaume Delepine <guillaume@skydio.com>; Eric Bloemendal <eric.bloemendal@skydio.com>

Hey Alex,

Great story, sorry about the inability to keep up, but thanks for sharing regardless. There is a setting in the application that allows you to adjust the speed, there is also the boost button, above the padel on the joystick (not sure which side on your software version so try both) but if you hold it down while you fly it you boost it and it flies at full speed regardless of the settings....I've cc'd Guillaume who sent out that Agency Spotlight survey as you've been among the most communicative and public facing/social media savey among the ERP's. Thanks again for sharing and let me know if my suggestions/input works,

Best,

Fritz

On Sat, Oct 10, 2020 at 8:54 PM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

Today we had a short pursuit following a theft offense from an anchor store at our shopping mall. The Skydio 2 was deployed and was successful in aiding patrol officers in following her so they could terminate pursuit and follow from a safe distance. However, I lost visual of her as she sped through several of the mall's parking lots because the drone was unable to keep up. I noticed the Skydio was only letting me fly manually at 10 MPH. According to the user guide, it says the Skydio 2 can fly at a max speed of 36 MPH both autonomously and manually.

My question is how can I change this setting so I am able to fly faster manually?

So I don't leave ya with a cliff hanger, after further investigation the suspect was identified but got away for now. The Skydio 2 provided high quality video footage of the suspect fleeing from police and nearly colliding with other motorists due to her reckless driving. Because of this drone video, felony charges for fleeing and eluding will be presented to the prosecutor's office for review. The video provided from the Skydio 2 was booked into property as evidence.

Thanks!

Ofc. A. Brennaman

--

Fritz Reber

Skydio-Head of Public Safety Integration

fritz@skydio.com

(619) 201-9281 c

[LinkedIn](#)

[Twitter](#)

Re: Miami Township Monthly - October 2020

William Reber <fritz@skydio.com>

Fri 10/2/2020 4:22 AM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Cc: Eric Bloemendal <eric.bloemendal@skydio.com>; Guillaume Delepine <guillaume@skydio.com>

Hey Alex

Great news! You've really been an effective Champion and shown the value. Great work and a lasting legacy thanks to you!

We appreciate being a part of that,

Best,

Fritz

Sent from my iPhone

On Oct 1, 2020, at 8:16 AM, Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

I thought you might think this is cool. The drone program is getting recognition and the administration has approved the purchase of another drone to add to the fleet! After just four months, we are expanding and sending another officer to get their Part 107.

I just wanted to reach out and thank you again because the ERP program is what put our UAV program in motion!

Thanks again!

Alex

Begin forwarded message:

From: Miami Township <twpstories@miamitownship.com>

Date: October 1, 2020 at 6:00:47 AM EDT

To: All Township Employees <alltownshipemployees@miamitownship.com>

Subject: Miami Township Monthly - October 2020

Reply-To: twpstories@miamitownship.com

October 2020

Halloween COVID-style

Trick or Treat Saturday, October 31, 6-8 p.m.

Ghosts and goblins will wander the streets in search of tasty treats on October 31. While out and about in your frightfully fun costumes, remember to keep social distancing and safety in mind. The Ohio Department of Health recommends:

- Wear a face covering over your nose and mouth (exception: children under 2 years old)
- Carry hand sanitizer with you/set up a sanitizer station at your home
- Work to remain 6 feet apart
- Do not participate if you feel sick
- Limit the number of houses you visit
- Hold drive thru events in which children stay in their parents' cars while collecting treats
- Hold a virtual event online
- Hide treats in your yard or spread them out on a table
- Refrain from having children select their own treats from a common container such as a bowl
- Wipe off candy wrappers when you arrive home

The health department has many more recommendations for parents/guardians, residents and operators of events/attractions. **Click the candy buckets for more:**

HAPPY HALLOWEEN!

At Your Service - Police and Fire

Miami Valley Fire District unveils new medic

Equipment and design first-of-its-kind in district

□

MVFD Station 53 from left: Firefighter/EMTs Ryan Garver, Norm Bolling, Lucas Shupert and Lt. Trent Shroyer

□

New hydraulic cot onboard Medic 53

□

The Miami Valley Fire District has a new medic unit in service. From the outside, Medic 53 looks like all the others. But, new design features and a particular piece of equipment make it a one-of-a-kind ride for firefighter/EMTs and patients alike.

Medic 53 is the result of a year's worth of planning among fire district staff. Every detail was considered in its design right down to relocating a side entrance door so that EMTs have more room to better treat patients. The unit itself is a Ford F-550, a souped-up pickup truck chassis


of sorts. The F-550 was chosen for its drivability, comfort and low maintenance.

"The design allows us to better care for our patients. The space is more efficient for our EMTs to operate," Lieutenant Trent Shroyer, MVFD Station 53, said. "The medic also has what's called a LiquidSpring design that gives everyone onboard a smooth ride."

Perhaps most impressive on this new unit, is a hydraulic power cot that lifts patients on and off the unit automatically. The fire district was awarded a \$40,000 BWC Safety Intervention Grant to purchase it.

"There is zero lifting with this cot. The EMTs can load and unload patients with the press of a button. No more bending over and lifting someone up into the ambulance. It will help us load patients safely and hopefully reduce the risk of injury to our EMTs," Lt. Shroyer said.

Watch a video demonstration:

 [Miami Valley Fire District Medic 53 hydraulic cot demonstration](#)

Medic 53 went into service in June 2020. It helps align the Miami Valley Fire District with the industry standard of patient transport vehicles and equipment. The **MVFD** provides services to both Miami Township and Miamisburg, so Medic 53 sees no boundaries in roads traveled.

"The borders of Miami Township and Miamisburg do not apply. Our firefighter/EMTs go anywhere we're needed," Lt. Shroyer said.

The MVFD began operations in 2012 to serve both Miami Township and Miamisburg more efficiently. Firefighter/EMTs respond to roughly 10,000 calls a year. It is governed by a five-member Board of Trustees.

New drone to help MTPD fight crime *Skydio donates drone to first responders*

The Miami Township Police Department now has a drone to assist officers when needed. The Skydio company donated the unit to the **MTPD** as part of its initiative to donate drones to first responders across the country.

Officer Brennaman is the first township officer certified to use the drone. He says it can assist in searches for suspects, missing people, even help investigate car crashes. The drone has already been used in several incidents in the township, including the arrest of a theft suspect. Officer Brennaman demonstrates the Skydio2 in this video:

Sept 2020

PD receives traffic enforcement grant

[Visit MTPD web page](#)

The Miami Township Police Department is the recipient of an Ohio Traffic Safety grant from the Ohio Department of Public Safety.

The nearly \$50,000 grant award will allow Miami Township police officers to focus more attention on reducing traffic crashes, increasing OVI patrols and participating in national traffic safety campaigns.

The Ohio Traffic Safety grant is federally funded through the National Traffic Safety Administration.

Officer Pat McCoy retires

Officer Pat McCoy retired from the police department September 25, 2020, with more than 30 years of service to our community. His fellow officers saluted him with a congratulatory luncheon. Chief Stiegelmeier presented him with a plaque of recognition, a custom-made box to hold his service revolver, and a retiree badge. Congratulations, Officer McCoy! Enjoy your retirement!

At Your Service - News & Events

Leaf Collection 2020

Leaf season is quickly approaching, and our Public Works Department is preparing now.

Township leaf collection begins the week of November 2. Remember to rake your leaves to the edge of the curb, not in the roadway! A more in-

depth update next month, but for those who want to read more now, **CLICK.**

New look at Austin Landing Kroger

Miami Township trustees John Morris and Terry Posey, Jr. were happy to take part in the grand reopening of the Austin Landing Kroger store recently. They presented a special proclamation and helped staff members cut the ribbon.

The store is celebrating renovations to the store including a new produce section and aisle changes.

Thank you, **Kroger**, and congratulations on seven years of service to our community!

2020 township census 'above and beyond'

We did it, Miami Township! Your response to the 2020 Census beat the final percentage from 2010! According to the U.S. Census Bureau, the township recorded a 75.7% response rate as of Sept. 30, 3% higher than ten years ago. That means we're on track for more federal funding for our community! Way to go!

Meet the Employees

Dan Mayberry - Director of Public Works

What is your background in the field? I

came to Miami Township Public Works in 1991 with a background in landscaping having earned an associate degree in mathematics from Sinclair Community College. I began my career in the Parks Department, working for five years in maintenance and then served almost six years as supervisor over the department. In the Road Department, I worked three years in maintenance and then a brief period as road foreman. Over the years, I helped complete many township construction and renovation projects with the Facilities

Maintenance Department and spent an entire year working on restorations to the Cottman-Baker Farmhouse back in the early 1990s. I have been the Director of Public Works since 2006.

Your crews have a lot of work to do! How would you describe a typical day? There are five individual departments under Public Works: Roads, Parks, Fleet Maintenance, Facilities Maintenance and Public Works Administration. A typical day for me is primarily supporting the leaders of the five departments. I then have my own schedule of work to complete from budgets to board meetings. I manage an independent contractor for the maintenance of landscaping along Austin Boulevard and the I-75 interchange ramps and continually update all educational information on the public works web pages. Please **visit online** for a better understanding of how Public Works serves the community!

Leaf pickup begins in November! What do you look forward to this season? The thing I most look forward to this season's leaf collection is that after it is over, I have only one more season to manage the program. It is no easy task to keep 30,000 residents content while crews collect leaves over a 21 square mile area. This year will definitely be a challenge for the department to work efficiently while trying to adhere to the COVID-19 restrictions.

How do you spend your time outside of work? Outside of work, I work. I like to stay busy. I spend many hours completing home remodeling projects and enjoy maintaining the landscape around my home. I also enjoy staying fit and hiking in nature with my wife, Jeannie. I used to enjoy watching professional sports, but I now find there are much better uses of my time. I have been a member of Southbrook Christian Church for 17 years and enjoy supporting the church as a guest services team member on Sundays.

Tell us about your staff. Public Works employees are very skilled and dedicated professionals. Staff spends many hours away from family throughout the winter months, keeping the streets safe for the community during winter weather events. In the summer months, they are out in the extreme heat working to complete roadway preventive maintenance programs. Financially, Miami Township operates on a very lean budget and property tax revenues for roadway maintenance have declined over the past 10+ years.

COVID-19 Updates

Click each for informational links:

**Government Center
guidelines**

**Public meetings via
Zoom teleconference**

**Zoning
applications/pay**

**Business/restaurant/
hotel directory**

**State mask
requirements/info**

**Township parks
info/reservations**

Did You Know?

- The last day to register for the November 3 General Election is October 5. Are you registered to vote? **CLICK TO CHECK**
- A reminder that **National Night Out** scheduled for October 6 is canceled due to the COVID-19 pandemic.
- The Miami Township Government Center is closed Monday, October 12, 2020, in observance of Columbus Day. Offices reopen Tuesday at 8 a.m.
- You can check on township spending anytime by using the **Ohio Checkbook**.

Connect with Us:

Sign up for Miami Township Monthly:





Visit Our Website:

Share Your Stories:

Help us highlight our hometown! Email your story ideas and upcoming events to us:

 [digital_envelope_hand.jpg](#)

Find us on Social Media:

 Fa  T  In  Yo
ceb witt stag uTu
ook er ram be


Phone: 937-433-9969
www.miamitownship.com

Miami Township | 2700 Lyons Road, Miami Township, Ohio, OH 45342

[Unsubscribe alltownshipemployees@miamitownship.com](mailto:unsubscribe.alltownshipemployees@miamitownship.com)

[Update Profile](#) | [About our service provider](#)

Sent by twpstories@miamitownship.com powered by

 Trusted Email from Constant Contact - Try it FREE today.
Try email marketing for free today!

Re: Quick Question for ERP Recipient

Fritz Reber <fritz@skydio.com>

Thu 9/24/2020 10:51 AM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Thanks Alex, you'll like it for sure, just not sure how you can use it at work, let me know if you get a good use case, stay safe

On Wed, Sep 23, 2020 at 1:28 PM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

We purchased one but I have yet to use it for a specific mission. Just got it out and flew the drone using the beacon here in the PD's parking lot.

Alex

On Sep 23, 2020, at 4:15 PM, Paul Vavra <paulvavra91@gmail.com> wrote:

Just purchased one.

On Wed, Sep 23, 2020, 3:30 PM Fritz Reber <fritz@skydio.com> wrote:

Hey ERP Recipients,

We have a quick internal question here at Skydio regarding the Beacon:

Have you done any of the following:

- 1) Bought a beacon to use with the ERP Skydio 2,
- 2) Thought about buying a beacon,
- 3) Have a public safety use case in mind for the beacon (what is the use case?)
- 4) Have actually used the beacon for a work-related use case (how did it go?).

Thanks in advance!!!

Fritz

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Fritz Reber

Skydio-Head of Public Safety Integration

fritz@skydio.com

(619) 201-9281 c

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[Twitter](#)

--

Fritz Reber

Skydio-Head of Public Safety Integration

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Re: Skydio Blog Article

Fritz Reber <fritz@skydio.com>

Mon 9/14/2020 12:39 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Hey Alex,

Yeah, keep any good stuff you got coming, I see you've been busy and getting deeper into the drone world. Let me know how I can help. I think the X2 will be pretty cool so I'm looking forward to it getting out. The software should be impressive too...it just takes forever :)

Stay safe,

Fritz

On Sun, Sep 13, 2020 at 10:11 AM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

Thank you, I did read it on LinkedIn and I am going to submit it to my superiors.

Any word on the Skydio X2? I am excited about the future of Skydio as I have been listening to podcasts and reading blogs about Skydio and I don't ever hear anything negative. So happy to be apart of this!

Hope you're having a great weekend!

Alex Brennaman

On Sep 13, 2020, at 12:42 PM, Fritz Reber <fritz@skydio.com> wrote:

STAC Members/ERP Recipients:

I just wanted to thank all those that contributed to the Blog Article (linked below if you haven't seen it) with their use cases. Not all of them made it of course but you all continue to provide great input on how you use drones, and specific feedback on the Skydio 2. Your expertise and experience help us highlight Skydio 2's strengths and are key in our work to develop the next level of solutions for public safety. Please feel free to continue to use the AAR link to provide as much general flight feedback/info as you want, the Product and Engineer Team have access to these and review them regularly.

ARR: <https://docs.google.com/forms/d/e/1FAIpQLSde9UYXMoHMcwIkJVJ0B9N51KsWXGrCzEZ9Gh0SV1IjpbsJZjA/viewform>

Thanks again,
Stay Safe,
Fritz

PS I am trying to build a larger Twitter following so my posts get more eyeballs, so feel free to follow me at the social media links below my name. Your stories are important to get out there!
Thanks!

Blog Post: <https://medium.com/skydio/skydio-2-in-action-first-responder-deployments-show-the-power-of-drone-autonomy-fd2a6267c929>

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Re: Skydio Deployment Stories

Fritz Reber <fritz@skydio.com>

Fri 7/24/2020 12:58 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Hey Alex,

Yes, I'll use those AAR's for sure, thanks and I'll ID you if they make the article (my marketing team does a hatchet job on my stuff so I can never promise :) Anyway, you can buy the drone and accessories at Skydio.com and then give me the order number so I can prioritize shipping so you don't have to wait...That is awesome about your business! I'm not too aware of that whole side of it, but can help put you in touch with eagle view people here if it matters/helps?

On Fri, Jul 24, 2020 at 9:55 AM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Do you still have my deployment reports? Are those good for you to use in the article? And please mention our department! I would like to give the article to our administration and township trustees once it is published!

Side note, I have started a business "Brennaman Aerial Services LLC" and have received approval to conduct business within the State of Ohio. Can you get me in touch with someone who can assist me with purchasing a Skydio drone for my business? I have seen that Skydio has partnered with Eagleview for insurance claim inspections. I actually just completed my Eagleview training and have been using my Mavic 2 Pro. But I would like to add a Skydio to my personal fleet.

Thanks!

Alex

On Jul 24, 2020, at 12:39 PM, Fritz Reber <fritz@skydio.com> wrote:

Hey ERP Recipients,

I am going to write a blog article regarding public safety deployment stories of the Skydio 2. Obviously you all have some great stories of how you've used the Skydio 2 in actual operations. I was hoping you all could share those with me for me to include. I don't need any specifics, just the general "what happened" and I don't need to name you or the agency at all, but can if you don't object. I know I get the AAR's but they don't include all the color that makes these great stories.

Thanks in advance!

Best,
Fritz

--

Fritz Reber
Skydio-Head of Public Safety Integration
fritz@skydio.com
(619) 201-9281 c

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Twitter

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Fritz Reber

Skydio-Head of Public Safety Integration

fritz@skydio.com

(619) 201-9281 c

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Re: Skydio X2

Fritz Reber <fritz@skydio.com>

Fri 7/17/2020 6:14 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Hey Alex,

Unfortunately I don't have pricing yet or a release date. Since you are in the STAC and ERP you will be notified right away when we can start taking orders. I'll also update you on the pricing and release dates as I get them.

Hope that helps,

Best,

Fritz

On Fri, Jul 17, 2020 at 12:08 PM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

I have shown the video of the new Skydio X2 to several members of my department including my Sergeants. Of course the typical questions are how much? If we could participate in a program with the X2 like we do with the Skydio 2 currently? And if we could pre-order the new X2?

Any additional information you could provide me so I can begin the process of drafting a proposal to submit for purchasing the new X2 would be appreciated. My goal is to get approval so we can be one of the first agencies who receive this new technology! Also with adding another drone to the fleet we could send another officer to get their part 107.

Respectfully,

Alex

--

Fritz Reber

Skydio-Head of Public Safety Integration

fritz@skydio.com

(619) 201-9281 c

Re: Drone Deployments

Fritz Reber <fritz@skydio.com>

Mon 7/13/2020 6:44 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Great! Thanks

On Mon, Jul 13, 2020 at 2:38 PM Brennaman,Alex <abrennaman@miamitownship.com> wrote:
Yes, I actually just forwarded the information about the new X2 to my Sergeants! I think we will be having a serious talk in the near future about adding that drone to our fleet!

Officer A. Brennaman
Miami Township Police Department
2660 Lyons Rd.
Miamisburg, OH. 45342
937-433-2301 ext. 1495



From: Fritz Reber <fritz@skydio.com>

Sent: Monday, July 13, 2020 5:36 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Subject: Re: Drone Deployments

Hey Alex,

Great feedback, I know that it's only a matter of time before the drone is adding value to operations, especially with a take home car..that is awesome! I know you probably saw the news on the X2! I think it will be the right fit for drone-in-the-trunk programs where quick response time and ease of flight is critical....<https://www.skydio.com/pages/skydio-x2>....Hopefully we can make it in time to meet your needs!!! Sooner the better I'm guessing :)

Take care, thanks again for the update,

Say hi to your Chief and Captain for me,

Best,

Fritz

On Mon, Jul 13, 2020 at 2:10 PM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

It has been a while since we have last spoken. I hope you and your family are doing well during these times. Our department has been going through some changes recently which has included promotions and two new officers are about to start orientation next week! Gotta love gaining that seniority!

You'll be happy to know that our newly implemented UAS program is operating well! However, I had several sUAS trainings scheduled at the Ohio Peace Officer Training Academy (OPOTA) which have been canceled due to COVID. That was a little disappointing. Anyways, I have attached two drone deployment reports which I obtained approval to release by the Chief of Police today!

I am also excited to tell you that while speaking with the Chief of Police, he informed me I would be receiving a take home cruiser (Dodge Charger) on October 1, 2020. Furthermore, he instructed me to meet with him and the captain next week to talk about the equipment that will need to be purchased in order to outfit the cruiser for the Skydio drone. The goal is to be able to respond straight from home to the scene if I am called in for a mission and also have the ability to continuously charge batteries while in the field. With that said, if you have any suggestions I would appreciate anything you could provide me.

Next, there have been some incidents which have occurred where the drone was or almost was deployed but a deployment report was not completed. The first incident was a "signal 99" or an officer in need of assistance, requested by the City of Dayton when an officer was struck by a fleeing ATV. The Montgomery County Sheriff's Office drone was requested, however, their procedure is the on duty supervisor needs to contact the operations captain prior to calling in the pilot. Our policy states that "call-in" decision is made by the on duty supervisor which cuts the response time for the drone pilot (me) to be on scene. However, when this incident occurred I was already on duty and my Sergeant had approved me to respond if needed but the drone was cancelled due to the suspect being apprehended by the use of a police K-9.

The second incident occurred last Sunday (7/6) when I initiated a short vehicle pursuit of a stolen pick up truck. I terminated pursuit as the risk to the general public grew and the pick up truck continued until it crashed in a neighboring jurisdiction. The suspect then fled the vehicle on foot and I did deploy the drone. After a couple minutes, responding crews located the suspect and took the suspect into custody without the assistance of the drone.

I just wanted to share that information with you. As far as feedback goes, there are a couple of things both pro and con that I wanted to provide you with. First, I did have the chance to use "Drone Deploy" for a two week trial period and thought the program was useful. However, after speaking with my Sergeant we decided the price of the program was not worth paying for the amount of times we would utilize the program in the field. Therefore, we decided to begin obtaining quotes for other drones to add to our fleet. Which leads me to my next point.

Our department is really in need of a drone that can be able to fly during the night time hours and has FLIR capabilities. There have been several incident's which have occurred at night time where deploying the drone would have been useful. For instance, the City of Franklin (neighboring jurisdiction) pursued a vehicle into Miami Township where it crashed out and the driver fled on foot. This occurred during the night time hours and the drone was not able to be deployed. However, the driver was later apprehended by a K-9. Other incidences where the drone could have been useful were during two structure fires where victims were reported to have been trapped inside. Thankfully, nobody was trapped and everyone got out safe but a drone with FLIR capabilities could not only assist the fire department in locating trapped victims but assist in identifying "hot spots" during fire suppression and overhaul operations.

With this said, I would like to see Skydio develop a drone which can be flown at night and have a FLIR camera option. We have obtained quotes for the Autel EVO 2 Dual, DJI Mavic 2 Dual, and the ANAFI USA addition. However, the Chief of Police stated he wants me to continue flying the Skydio 2 for a little while longer before we begin making more purchases. During this time, I hope my feedback will assist you in the development of the next generation of Skydio drones which will be implemented into public safety. I would really prefer to continue building our fleet with Skydio products!

I look forward to speaking with you more about this. Have a great day!

Respectfully,

Officer A. Brennaman
Miami Township Police Department
2660 Lyons Rd.
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937-433-2301 ext. 1495



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ERP/STAC Members

Fritz Reber <fritz@skydio.com>

Wed 6/24/2020 6:30 PM

To: Martin, Tim <tmartin@hbgpd.org>; gifford.michael@metrofire.ca.gov <gifford.michael@metrofire.ca.gov>; Larry Wood <woodl@pbso.org>; Zack Bales <zbales@pd.cityofsacramento.org>; Buell, John <John.Buell@austintexas.gov>; James L.Z. Huggins <jhuggins@cityofflamesa.us>; rsmith@ci.antioch.ca.us <Rsmith@ci.antioch.ca.us>; dbarker@idahofallsidaho.gov <dbarker@idahofallsidaho.gov>; Larsen, Scott <slarsen@riversidesheriff.org>; Don.Plant@sheriff.hctx.net <Don.plant@sheriff.hctx.net>; Miller, Sean <smiller@sandwichmass.org>; Michael Ward <Michael.Ward@njsp.org>; Ivan Valencia <Valenciai@modestopd.com>; kadams@Romeoville.org <kadams@romeoville.org>; allison.richmond@haywoodcountync.com <allison.richmond@haywoodcountync.com>; EMA@co.clark.in.us <ema@co.clark.in.us>; Ronnie Strain <ronnie_strain@co.hays.tx.us>; Jim Munro <jamesm@cityofclovis.com>; Weber County <wcsardrone@gmail.com>; thielmeyer@gmail.com <thielmeyer@gmail.com>

Hello all ERP/STAC members...

I have an opportunity to send a beta app in the coming weeks that has some of the special skill sets I've spoken about before, such as the ability to fly through doorways. We will be sending out an NDA perhaps within a few days which is required to beta test it. This NDA will be in place for other features sets and opportunities as well. No problem if you can't secure a signature, as it will have no impact on your status in ERP/STAC..it's just needed for any pre-market feature testing. Fair warning, I am only able to share the beta app with a few agencies, and those will be selected internally based upon a variety of factors, so I apologize in advance if I can't get it to everyone who is willing to test it. Let me know if you're willing or reach out if you have questions,

Thanks!

Best,
Fritz

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Fritz Reber
Skydio-Head of Public Safety Integration
fritz@skydio.com
(619) 201-9281 c

Battery Issue (50%)

Fritz Reber <fritz@skydio.com>

Thu 6/18/2020 5:40 PM

To: Martin, Tim <tmartin@hbpd.org>; gifford.michael@metrofire.ca.gov <gifford.michael@metrofire.ca.gov>; Larry Wood <woodl@pbso.org>; Zack Bales <zbales@pd.cityofsacramento.org>; Buell, John <John.Buell@austintexas.gov>; James LZ. Huggins <jhuggins@cityofflamesa.us>; rsmith@ci.antioch.ca.us <Rsmith@ci.antioch.ca.us>; dbarker@idahofallsidaho.gov <dbarker@idahofallsidaho.gov>; Larsen, Scott <slarsen@riversidesheriff.org>; Don.Plant@sheriff.hctx.net <Don.plant@sheriff.hctx.net>; Miller, Sean <smiller@sandwichmass.org>; Michael Ward <Michael.Ward@njsp.org>; Ivan Valencia <Valenciai@modestopd.com>; kadams@Romeoville.org <kadams@romeoville.org>; allison.richmond@haywoodcountync.com <allison.richmond@haywoodcountync.com>; EMA@co.clark.in.us <ema@co.clark.in.us>; Ronnie Strain <ronnie_strain@co.hays.tx.us>; Jim Munro <jamesm@cityofclovis.com>; Weber County <wcsardrone@gmail.com>; thielmeyer@gmail.com <thielmeyer@gmail.com>

Helpful hint if your batteries won't charge past 50%...

The batteries are smart batteries so they sometimes need to be rebooted...to do this hold the power button for 15-20 seconds...you should see the blue light go out...

If this doesn't work then drain the battery fully...

These 2 solutions should allow it to fully recharge,
Hope this helps,
Fritz

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Fritz Reber
Skydio-Head of Public Safety Integration
fritz@skydio.com
(619) 201-9281 c

Skydio (Beacon on Boat)

fritz reber <freber33@gmail.com>

Thu 6/18/2020 2:48 PM

To: tmartin@hbpd.org <tmartin@hbpd.org>; gifford.michael@metrofire.ca.gov <gifford.michael@metrofire.ca.gov>; Larry Wood <woodl@pbso.org>; zbales@pd.cityofsacramento.org <zbales@pd.cityofsacramento.org>; John Buell <John.Buell@austintexas.gov>; James Huggins <jhuggins@cityofflamesa.us>; Rsmith@ci.antioch.ca.us <Rsmith@ci.antioch.ca.us>; dbarker@idahofallsidaho.gov <dbarker@idahofallsidaho.gov>; slarsen@riversidesheriff.org <slarsen@riversidesheriff.org>; Plant, Don (HCSO) <Don.plant@sheriff.hctx.net>; smiller@sandwichmass.org <smiller@sandwichmass.org>; Michael.Ward@njsp.org <Michael.Ward@njsp.org>; Valenciai@modestopd.com <Valenciai@modestopd.com>; kadams@romeoville.org <kadams@romeoville.org>; allison.richmond@haywoodcountync.com <allison.richmond@haywoodcountync.com>; ema@co.clark.in.us <ema@co.clark.in.us>; ronnie_strain@co.hays.tx.us <ronnie_strain@co.hays.tx.us>; jamesm@cityofclovis.com <jamesm@cityofclovis.com>; wcsardrone@gmail.com <wcsardrone@gmail.com>; thielmeyer@gmail.com <thielmeyer@gmail.com>

ERP Recipients...many of you have tested and want to test the Skydio following a boat. Just saw this 2:37 youtube video that could you give you some ideas of potential...hope you all are enjoying the Skydio 2.

Stay Safe,

Fritz

<https://www.youtube.com/watch?v=AtkmeaJA-JE&feature=youtu.be>

Re: Drone Deployment

Fritz Reber <fritz@skydio.com>

Mon 6/15/2020 5:20 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Hey Alex,

I did get the email describing your arrest, I didn't get anything about feedback. Here is the link to the After Action just in case you need it:

https://docs.google.com/forms/d/e/1FAIpQLSde9UYXMoHMcwIkVJ0B9N51KsWXGrCzEZ9Gh0SV1IpbsJZlJA/viewform?usp=sf_link

As for a tablet, I prefer the Ipad mini, did you get an ipad holder in the pro kit? It may have come with one. I know it works with Android as well so you'd probably be good with almost any tablet,

On Mon, Jun 15, 2020 at 1:55 PM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

I am compressing the file to upload the video now. Did you receive my last email which provided you with my feedback? We received our Beacon today. It is on the charger as we speak so I will provide more feedback soon.

We have not done any public releases as of yet. I think as this program grows I will speak with our PIO.

One other thing, what kind of tablet do you suggest we purchase to use with the drone? My personal phone is what I am using at the moment and I would prefer a larger screen.

Officer A. Brennaman
Miami Township Police Department
2660 Lyons Rd.
Miamisburg, OH. 45342
937-433-2301 ext. 1495



From: Fritz Reber <fritz@skydio.com>

Sent: Monday, June 15, 2020 11:09 AM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Subject: Re: Drone Deployment

Alex,

Here is a link to our drop box. The best way to upload is to put the video in a named folder and compress (zip) the folder. Then upload the zipped folder. Can't wait to see it. Let me know if you have any suggestions or restrictions on it's use? I'm not sure we'd do anything with it but share it internally, but if we want to use it publicly in any way, I'll definitely reach out and let you know prior. Did you do any press release or publicity with it?

Thanks again,

Fritz

Here is the link:

<https://www.dropbox.com/request/wzkG02VU6PLLXUF0qh56>

On Sun, Jun 14, 2020 at 5:53 AM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Fritz,

I have attached the Drone Deployment Incident Report from the first mission deployment on June 1, 2020. I apologize for the delay, but we have been distracted lately and this had to be approved by administration. You will find as time goes on, the Miami Township Police Department responds to a lot of theft calls. We have a relatively large business district which generates a lot of calls for service. My intention is to provide you with each incident report from when the drone is deployed for a specific purpose. I have flown the drone several times for training and demonstrations which I do not create an incident report for. Along with every incident report I send you, I will provide you with my feedback both positive and negative. Let me know if you would like something different.

If you would like a copy of the video, please send me an address I can mail the disk to. The file is too large to attach to this email.

Hope you had a great weekend!

Officer A. Brennaman
Miami Township Police Department
2660 Lyons Rd.
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ERP Recipients

Fritz Reber <fritz@skydio.com>

Mon 6/15/2020 5:13 PM

To: Martin, Tim <tmartin@hbpd.org>; gifford.michael@metrofire.ca.gov <gifford.michael@metrofire.ca.gov>; Larry Wood <woodl@pbso.org>; Zack Bales <zbales@pd.cityofsacramento.org>; Buell, John <John.Buell@austintexas.gov>; James L.Z. Huggins <jhuggins@cityoflamesa.us>; rsmith@ci.antioch.ca.us <Rsmith@ci.antioch.ca.us>; dbarker@idahofallsidaho.gov <dbarker@idahofallsidaho.gov>; Larsen, Scott <slarsen@riversidesheriff.org>; Don.Plant@sheriff.hctx.net <Don.plant@sheriff.hctx.net>; Miller, Sean <smiller@sandwichmass.org>; Michael Ward <Michael.Ward@njsp.org>; Ivan Valencia <Valenciai@modestopd.com>; kadams@Romeoville.org <kadams@romeoville.org>; allison.richmond@haywoodcountync.com <allison.richmond@haywoodcountync.com>; EMA@co.clark.in.us <ema@co.clark.in.us>; Ronnie Strain <ronnie_strain@co.hays.tx.us>; Jim Munro <jamesm@cityofclovis.com>; Weber County <wcsardrone@gmail.com>; thielmeyer@gmail.com <thielmeyer@gmail.com>

Hey All,

Just wanted to drop a note to all of you who've submitted after-action reports. The info is great and the Skydio Team really learns a lot about issues specific to the Skydio 2, but also about how and why you use drones in general which helps to understand your needs in future platforms. Please let me know if I can assist in any way, but in the meantime, thanks again, we value your time,

Best,
Fritz

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Fritz Reber
Skydio-Head of Public Safety Integration
fritz@skydio.com
(619) 201-9281 c

Re: ERP Recipients

Fritz Reber <fritz@skydio.com>

Wed 6/3/2020 1:27 PM

To: Martin, Tim <tmartin@hbpd.org>; gifford.michael@metrofire.ca.gov <gifford.michael@metrofire.ca.gov>; Larry Wood <woodl@pbso.org>; Zack Bales <zbales@pd.cityofsacramento.org>; Buell, John <John.Buell@austintexas.gov>; James L.Z. Huggins <jhuggins@cityoflamesa.us>; rsmith@ci.antioch.ca.us <Rsmith@ci.antioch.ca.us>; dbarker@idahofallsidaho.gov <dbarker@idahofallsidaho.gov>; Larsen, Scott <slarsen@riversidesheriff.org>; Don.Plant@sheriff.hctx.net <Don.plant@sheriff.hctx.net>; Miller, Sean <smiller@sandwichmass.org>; Michael Ward <Michael.Ward@njsp.org>; Ivan Valencia <Valenciai@modestopd.com>; kadams@Romeoville.org <kadams@romeoville.org>; allison.richmond@haywoodcountync.com <allison.richmond@haywoodcountync.com>; EMA@co.clark.in.us <ema@co.clark.in.us>; ronnie_strain@co.hays.tx.us <ronnie_strain@co.hays.tx.us>; Jim Munro <jamesm@cityofclovis.com>; Weber County <wcsardrone@gmail.com>; thielmeyer@gmail.com <thielmeyer@gmail.com>

Streaming Solutions?

Hello All ERP Recipients...I hope you are all safe and sound during these latest crises. Thank you for the After Action Reports that you have submitted. They are very important to us and we value your experience and honest opinions.

I have been getting questions related to streaming options. Obviously since there is no HDMI out on the controller, this is challenging for some. I was wondering who has found their own solutions, and if you could share with others via email?

Thanks in advance!

Best,

Fritz

On Wed, Jun 3, 2020 at 10:23 AM Fritz Reber <fritz@skydio.com> wrote:

Hello All ERP Recipients...I hope you are all safe and sound during these latest crisis.

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Re: Hey from Skydio

Fritz Reber <fritz@skydio.com>

Tue 6/2/2020 7:20 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Hey Alex,

Are you serious!! That is awesome, congrats! Can't wait to hear the story and learn more about how it all transpired. Would love to see the video too but understand if you are limited there. Great work already!

On Tue, Jun 2, 2020 at 3:45 PM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

Hey Fritz!

 Skydio

WiFi Name: Skydio2-5n3h
Password: tkBf97us



Model: Skydio
Power: 100% 14VDC 4280mAh
Input: 5-20VDC 1.5A
Output: 5-20VDC 1A

Assembled in the USA

PCB ID: 2410155R02V1
IC ID: 7221015C02V1



Also had the first deployment yesterday where the drone was used to locate a theft suspect. I have completed an incident report containing further information which has been forwarded up the chain of command. Once approved by the Chief of Police, I will forward you the video and incident report.

I will say, the Chief of Police was very pleased with the success of our first deployment!



Here is a "sneak peek."

Will be in touch soon!

Alex

On Jun 2, 2020, at 12:55 PM, Fritz Reber <fritz@skydio.com> wrote:

Request for Drone ID #:

Hey Alex,

Just checking in. Hope all is well, especially considering these crazy times. Let me know if there is anything you need from me. If you have a chance, can you send me a pic of the name and password under the Skydio battery. I use that to direct specific firmware your way when we have it. Forgive me if you sent it already... Stay safe!

Best,

Fritz

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Re: Skydio

Fritz Reber <fritz@skydio.com>

Mon 5/18/2020 12:00 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Hey Alex, the beacon quote should be on the way soon

On Fri, May 15, 2020 at 12:23 PM Fritz Reber <fritz@skydio.com> wrote:

Alex,

Good talking to you today. I'll forward the quote for the Beacon once your shipment is ready.

Please reach out to me if you haven't heard anything in a few weeks,

Here is the contact for Katie from Woodlawn Fire

kthielmeyer@beautifulwoodlawn.us

Best,

Fritz

--

Fritz Reber

Skydio-Head of Public Safety Integration

fritz@skydio.com

(619) 201-9281 c

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Fritz Reber

Skydio-Head of Public Safety Integration

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Re: Free drone program

Fritz Reber <fritz@skydio.com>

Thu 5/14/2020 10:18 AM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Hey Alex,

I received the application! Thank you, stay safe!

Fritz

On Wed, May 13, 2020 at 4:15 PM Brennaman,Alex <abrennaman@miamitownship.com> wrote:
Reber,

Thank you so much for all your help! I spoke with the Operations Captain today and I have been given approval to apply for the drone. Therefore, I submitted an application so please advise if it was received.

Additionally, we plan to outfit a cruiser with all the necessities (i.e., extra batteries, controller, chargers, etc.) to ensure the drone is able to fly at anytime. Will you please inform me of what accessories are available and what is included with the drone.

Thanks again!

Officer A. Brennaman

From: Fritz Reber <fritz@skydio.com>

Sent: Tuesday, April 28, 2020 5:16 PM

To: Brennaman,Alex <abrennaman@miamitownship.com>

Subject: Re: Free drone program

Hey Alex,

Right now other agencies such as NYPD, FDNY, LAFD, Chula Vista Police, Sacramento Fire and Police are among the first agencies to have these. There are dozens more to come with this program.

On Tue, Apr 28, 2020 at 10:51 AM Brennaman,Alex <abrennaman@miamitownship.com> wrote:

I'm thinking the drone would specifically be valuable for use with our Special Operations Unit when conducting surveillance. Also for road patrol use when suspects flee the scene on foot or when following a fleeing vehicle at a distance to decrease the risk to the general public.

I will speak with my administration and complete the application if given approval.

Furthermore, can you provide me with a list of several Law Enforcement agencies I can contact who are trying your drone so I can cite them in my memo?

Thanks

On Apr 28, 2020, at 1:36 PM, Fritz Reber <fritz@skydio.com> wrote:

Hey Alex,

It's rather limited in some ways as it doesn't have thermal and you can't attach lighting or other items. It will be a great tool in some specific use cases but not all. Looking forward to see how first responders put it to good use.

On Mon, Apr 27, 2020 at 4:19 PM Brennaman,Alex

<abrennaman@miamitownship.com> wrote:

Awesome. Do you know what programs it is compatible with? Or if we can add FLIR to it?

On Apr 27, 2020, at 5:07 PM, Fritz Reber <fritz@skydio.com> wrote:

No programming at all. You get a free drone, that's it. Hopefully you use it in operations and can share with us (without specifics) how and why you used it and how it performed. It's not mandatory and there is no obligation, no strings :)

On Mon, Apr 27, 2020 at 1:38 PM Brennaman,Alex

<abrennaman@miamitownship.com> wrote:

I want to make sure I have a clear understanding before I speak with my administration. You provide a drone and what kind of programming along with it?

On Apr 27, 2020, at 3:42 PM, Fritz Reber

<fritz@skydio.com> wrote:

Hey Alex,

Thanks for the application. I'll be able to provide more detail and guidance to those who receive the drone. I'll be sending them out as soon as this week but the program could last several weeks so be patient. The idea is to get them in the hands of experts to be used in real life situations and then learn from that to make better drones.

Hope to talk soon,
Fritz

On Mon, Apr 27, 2020 at 8:41 AM Brennaman,Alex

<abrennaman@miamitownship.com> wrote:

Thank you for your response! I did receive the application and have reviewed it. Can you please

explain in detail what the program provides my agency?

On Apr 27, 2020, at 11:26 AM, Fritz Reber <fritz@skydio.com> wrote:

Hello Alex,
Great to hear from you. Please let me know what I can do to help you start up the program. It can be difficult at times, as you say there are competing priorities for sure. Eventually most agencies will move that way because it makes sense in terms of scalability and safety. But certainly take home cars are a no brainer for those in the field, they will love that for sure :)

I have sent an application for the ERP program in a separate email (Google forms). Please let me know if you don't receive it. Please reach out if you have any questions, stay safe in these crazy times!
Best,
Fritz

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Fritz Reber
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(619) 201-9281 c

On Sat, Apr 25, 2020 at 7:19 AM
Brenneman,Alex
<abrenneman@miamitownship.com>
wrote:

Fritz Reber,

Hello, my name is Alex Brenneman and I am a police officer for Miami Township PD in Montgomery County, Ohio.

Earlier this year I gave a presentation to my command staff on the topic of the use of UAVs in law enforcement. My administration and fellow officers showed an interest in developing a UAV

program, but the cost was obviously an issue. Surprisingly, we have solicited for donations from our local businesses (i.e. Walmart, Target, Utility companies) with not a lot of support. Additionally, we have other tasks within our department which have taken priority. For example, the hiring new officers and the implementation of a take home car program.

The reason for my email is to obtain additional information about your free drone program for first responders. I hope to get information from you which I can then take to my administration for further review.

Please email me back or feel free to call my cell 937-474-6710 so we can discuss further.

Thank your in advance for your time.

Officer A. Brennaman

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