Bell, Megan

From: Eric Tetreault <eric.tetreault@flocksafety.com>
Sent: Friday, August 7, 2026 6:52 PM
To: Ethan Bailey
Cc: Adams, Michael
Subject: Re: FW: FW: [EXTERNAL] Potential Alpha Locations

Hey Michael,

Good to meet you, I am a DFR Project Manager. Specific to roof mounting of the Flock Alpha Dock the below would apply:

- Overall weight is ~1100lbs, supported on a 100"x100" load spreading platform. This distributes the dead load to 20lbs/sqft. Generally this is not a problem for most structures. Unless required by a structural analysis (Flock will run a Structural Report), we do not use penetrating mounts. At most a ballasted mounting style is used, but for a Dock of this size, we haven't needed that in most areas.
    - The immediate dock area requires a 15ft radius of clear space
    - A alternate landing area should be an area ~50ft from the dock and also clear in a 15ft radius.
    - I do not see any immediate structures aroudn the PD that would rise to a height enough to obstruct satellite view, so that helps also.

- Power Requirement: 208/240v 30amp circuit ran and terminated at/near the rooftop location
- Network Requirement: Run and terminate 1-2 Cat6 Ethernet lines at or near the rooftop location.
- NOTE: I do see the Radio Tower at Tanner Knobs rises to about 150ft above the PD, so we will have to be cautious of that tower, however looks like a great location.

@Ethan Bailey let me know whatever else you may need!

Thanks,

Eric Tetreault
Project Manager, Aviation

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(928) 546-8908

eric.tetreault@flocksafety.com

On Fri, Aug 7, 2026 at 7:38 AM Ethan Bailey <ethan.bailey@flocksafety.com> wrote:
> Hey Mike,
>
> I'm pulling Brandon out and adding Eric in. Eric can you help out here?
>
> On Mon, Aug 3, 2026 at 5:44 PM Ethan Bailey <ethan.bailey@flocksafety.com> wrote:
> > Hey Brandon,

Can you help Mike with both of these questions?

Also, see below - are there any questions we need to ask regarding structural integrity of the roof?

Thanks,
Ethan

Ethan Bailey
Drone Solutions Specialist

flocksafety.com

ethan.bailey@flocksafety.com

On Mon, Aug 3, 2026 at 3:34 PM Adams, Michael <madams@johnsoncitytn.org> wrote:

> Hey Ethan,
>
> Can you or someone from your team provide dimensions for the mounting points and electrical requirements?

From: Ross, Brian <bross@johnsoncitytn.org>
Sent: Monday, July 27, 2026 8:16 AM
To: Adams, Michael <madams@johnsoncitytn.org>
Subject: RE: FW: [EXTERNAL] Potential Alpha Locations

I met with a structural engineer on site last week. He does not see a problem installing the system anywhere on the roof, structurally. We identified on top of the elevator shaft as possibly the preferred location. If you choose to proceed, we will need full details, including dimensions for the mounting points and electrical requirements.

JOHNSON CITY
TENNESSEE

Brian Ross
Building Services Director
City of Johnson City, Tennessee
423.434.5718 | johnsoncitytn.org

From: Adams, Michael <madams@johnsoncitytn.org>
Sent: Tuesday, July 14, 2026 3:06 PM
To: Ross, Brian <bross@johnsoncitytn.org>
Subject: FW: FW: [EXTERNAL] Potential Alpha Locations

Good afternoon Brian,

Just wondering if you have had a chance to speak with a structural engineer about placing the drone docking station on [redacted]

Thanks

From: Ethan Bailey <ethan.bailey@flocksafety.com>

Sent: Thursday, June 18, 2026 3:34 PM
To: Adams, Michael <madams@johnsoncitytn.org>
Cc: Brian Asher <brian.asher@flocksafety.com>; Ross, Brian <bross@johnsoncitytn.org>
Subject: Re: FW: [EXTERNAL] Potential Alpha Locations

See attached. Let me know if there are any other specific details that y'all may need.

Ethan Bailey
Drone Solutions Specialist

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ethan.bailey@flocksafety.com

On Thu, Jun 18, 2026 at 11:30 AM Ethan Bailey <ethan.bailey@flocksafety.com> wrote:

> Let me check
>
> On Thu, Jun 18, 2026 at 10:55 AM Adams, Michael <madams@johnsoncitytn.org> wrote:
>
> > Ethan would you happen to have cut sheets for the docking station ? Or direct this email to someone who does?

From: Ross, Brian <bross@johnsoncitytn.org>
Sent: Thursday, June 18, 2026 10:52 AM
To: Adams, Michael <madams@johnsoncitytn.org>
Subject: RE: [EXTERNAL] Potential Alpha Locations

I have a go-to structural engineer that I can reach out to. He will want to see cut sheets for the equipment in order to understand size, configuration, attachment, etc. Can you get those?

Brian Ross

Building Services Director

City of Johnson City, Tennessee

423.434.5718 | johnsoncitytn.org

From: Adams, Michael <madams@johnsoncitytn.org>
Sent: Thursday, June 18, 2026 9:54 AM
To: Ross, Brian <bross@johnsoncitytn.org>
Subject: FW: [EXTERNAL] Potential Alpha Locations

Good morning Brian,

The police department is moving towards getting a Drone First Responder. These drones self deploy and come back to a docking station where batteries are swapped out within two minutes and the drone redeploys to the scene of event.

Below is the requirements for the docking station. The Chief and I agree that the best suitable and cheapest place for us to deploy from would be on [redacted] The docking station weighs about 1000 lbs. Is there a structural engineer that could inspect and permit for such an installation?

Thank you

From: Ethan Bailey <ethan.bailey@flocksafety.com>
Sent: Thursday, June 4, 2026 11:39 AM

To: Adams, Michael <madams@johnsoncitytn.org>
Cc: Alex Guth <alex.guth@flocksafety.com>; Matt Foster <matt.foster@flocksafety.com>; Michael Pearman <michael.pearman@flocksafety.com>; Brian Asher <brian.asher@flocksafety.com>
Subject: [EXTERNAL] Potential Alpha Locations

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Chief,

Here are the locations we mapped out today. Additionally, here are the infrastructure requirements for Alpha:

Electrical:

- Single phase. 208/240V, 30A, 60Hz

Connectivity:

- RJ45 Ports: Hardwired internet connection.

Placement:

- The dock requires a 15x15 space on asphalt or concrete. Additionally, we need a subsequent area close by for a failover landing spot. It does not need to be right beside the dock. We are looking for a space up to 20x20 for emergency landings.

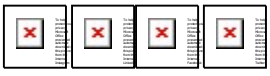
Security:

- Locating the dock in a fenced or secure area is recommended.

Happy to map other spots you'd like to look at!

--

Ethan Bailey
Drone Solutions Specialist



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ethan.bailey@flocksafety.com

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--

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