

From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: CEN21LA041 - Deer Strike Accident (N513JP, Cirrus SR-22T)
Date: Tuesday, November 10, 2020 06:37:40

[CAUTION] This email originated from outside of the organization. Do not click any links or open attachments unless you recognize the sender and know the content is safe.

Hello Mike – please see responses below, and let me know if I can be of further assistance. Thank you and have a great week.

Dave

From: Hodges Michael [REDACTED]
Sent: Monday, November 09, 2020 3:17 PM
To: [REDACTED]
Cc: Martin, Jim (FAA)
Subject: RE: CEN21LA041 - Deer Strike Accident (N513JP, Cirrus SR-22T)

Hi Dave,

Thank you so much for the responses, very much appreciated.

I have a few additional questions/requests please.

1. Are you able to please email me some photos of the posted wildlife notices at I19?
Photo attached of the notice in our pilot brief room/terminal building. I would be happy to add some larger posters if I could track them down.
2. Does the I19 AWOS have the capability to add in a general message about wildlife hazards? If so, is that something that you would consider implementing?
Unfortunately, our AWOS does not have that capability. We actually have a new AWOS listed on our CIP and hope to have installed 2022.
3. How frequently does deer hunting occur? Is it on a set schedule, or just at the hunter's desire (i.e. they hunt at the height of deer season, but not regularly the rest of the time)?
There is no set annual schedule - they hunt year-round and communicate between each other. The majority are Greene Co deputy sheriffs.

Thank you sir.

Mike

Mike J. Hodges, MS
Air Safety Investigator
Central Regional Office
Office of Aviation Safety
National Transportation Safety Board

4760 Oakland Street, Suite 500
Denver, Colorado 80239-2793
United States of America
<http://www.nts.gov>

Cellular/SMS: [REDACTED]
Facsimile: [REDACTED]
[REDACTED]

Response Operations Center (24/7): 1-844-373-9922

"We always need to prepare ourselves for handling the unexpected." – Neil A. Armstrong

From: Dave Kushner [REDACTED]

Sent: Monday, November 9, 2020 08:49

To: Hodges Michael [REDACTED]

Cc: [REDACTED]

Subject: RE: CEN21LA041 - Deer Strike Accident (N513JP, Cirrus SR-22T)

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Good morning Mike and thanks for your email...I hope you are doing well too.

Please see the responses below to your questions, and let me know if I can be of further assistance. My cell number is [REDACTED] or email [REDACTED]

Respectfully,
Dave Kushner

From: Hodges Michael [REDACTED]

Sent: Thursday, November 05, 2020 4:22 PM

To: [REDACTED]

Cc: Martin, Jim (FAA)

Subject: CEN21LA041 - Deer Strike Accident (N513JP, Cirrus SR-22T)

Hi Dave,

I hope you are doing well sir.

I am investigating the accident that occurred on October 22, 2020 at the Greene County – Lewis A. Jackson Regional Airport (I19) in Xenia, Ohio. This is the accident with N513JP (a Cirrus SR-22T airplane equipped with a Continental TSIO-550-K engine), that impacted a white-tailed deer (a large buck) during the takeoff from runway 25 at about 1800 local time.

There were two occupants onboard with no injuries who were conducting a 14 *Code of Federal Regulations* Part 91 personal flight. The airplane sustained substantial damage to an engine mount from the vibrations after the deer strike and the separation of one of the propeller blades. CEN21LA041 is the National Transportation Safety Board case number.

Here are two photographs for reference:

A. Separated propeller blade.



B. Fractured engine mount.



There were also several other locations on the airframe that sustained minor damage. I am working with Jim Martin from the Federal Aviation Administration (FAA) Cincinnati Flight Standards District Office on this accident.

I do have some questions and requests please:

1. Does the entire airport perimeter having fencing installed? If not, what areas do? If you can perhaps please provide a map/diagram with coverage areas, that would be very much appreciated.

The airport does not have any wildlife fencing. There is a cornfield along much of the south perimeter with common 4' farm/field fencing and T-posts (not airport owned).

2. What type of fencing is installed?

The only fencing owned by the airport is some 4' chain link pedestrian fencing near the terminal building guarding the ramps.

3. What is the height of the fencing?

N/A

4. I noticed in the airport remarks section, it states, "birds and deer on and invof arpt."

https://aeronav.faa.gov/afd/10sep2020/ec_270_10SEP2020.pdf

http://www.dot.state.oh.us/Divisions/Operations/Aviation/Ohio%20Airport%20Directory/2019-2020_Ohio%20Airport_Directory.pdf

Are there any other communication mediums at the airport that alert pilots to deer activity (for example: such as signs, FAA wildlife awareness posters, a message on the airport automated weather observing system, etc.)?

Yes – we have posted notices in the terminal building/pilot briefing room to remind pilots. The airport and FBO send out email newsletters with reminders as well.

5. Has the airport completed a Wildlife Hazard Assessment? Please provide a copy of the results.

I think there may have been one completed many years back...I've only been here 5. I have reached out to our program manager in Detroit for assistance and will advise.

6. Does the airport have a Wildlife Hazard Management Plan? If so, may I receive an electronic copy? If no plan, could you please describe how and how often wildlife mitigation occurs?

While we don't have a published plan that I'm aware of, we do however take a very proactive approach on mitigation. I currently have 10 authorized hunters, most of which are local law enforcement officers. They have numerous blinds, tree stands, etc setup at various locations on the property. Under the year-round nuisance law, they may take deer which pose a threat to the movement areas at anytime. The hunters also brought in large field mowers this summer, and were able to reach/cut more remote areas to further deter bedding. Also, our airport service vehicles are equipped with sirens and pyrotechnic harassment devices for reactive responses.

Thank you, sir, for the help.

Have a great weekend.

Mike

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From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: CEN21LA041 - Deer Strike Accident (N513JP, Cirrus SR-22T)
Date: Monday, November 23, 2020 05:53:50

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Good morning Mike,

I wanted to follow up with you regarding our AWOS. As I mentioned previously, we did not have the capability to post verbal notices on the AWOS. This was due to a bad voice card that failed a few years back and was obsolete.

I contacted our AWOS maintenance company, and asked if they could search for a used card. Fortunately, they were able to locate one and installed it Friday. Not sure how long it will last, but it's working for now and I have added a deer caution notice. The AWOS phone number is 937-372-4668 if you would like to verify.

Thanks and have a great Thanksgiving.

Dave Kushner I19

From: Hodges Michael [REDACTED]
Sent: Monday, November 09, 2020 3:17 PM
To: [REDACTED]
Cc: Martin, Jim (FAA)
Subject: RE: CEN21LA041 - Deer Strike Accident (N513JP, Cirrus SR-22T)

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Thank you sir.

Mike