



# 50 News

May 2023 Edition

## Thank You



Thank you **Tim Steinbauer**, EAA member and Hinde Field tenant, for washing the Gathering room and shop windows inside and out.



**Bob Hemchak** - Hinde Field Young Eagles program \*con't pg 2

## President's Corner

By: Ben Gleason



Dear EAA 50 Members, I think it's about time we begin to enjoy better weather with sunshine and no cross winds. I don't think you can read much farther without seeing major changes in the "Nifty Fifty's" latest Newsletter. I want to personally thank Joe Bores for taking over the editing of the monthly publication. In my President's Corner I have always made a practice of highlighting our star volunteers who stepped up during the last month and updating all members on what's going on with 50. As you continue reading it's clear Joe has done a great job with this month's super stars! All member's input is appreciated so if you want to say something in print positive and beneficial to our great chapter feel free to send us your input!

Pres. Ben

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Con't from pg.1. Last fall, Bob, working with Hinde Field owners Joe & Elaine Bores began a young Eagles program which flies Eagles weekly by appointment. Promotions are posted on the Hinde Field web site and other social media formats. Interested individuals contact Bob directly and schedule a flight. Bob presents the parents and students a short preflight program and a dual framed certificate and picture after the flight. A big thank you to Bob for all his time spent and the smiles delivered.

***Don't miss our next event***

EAA 50 & HINDE FIELD PRESENTS

## **HANGING AT HINDE**

FLY IN SATURDAY MAY 20TH



First flight 1935



Hinde Field today

EVENT: HANGING AT HISTORICAL HINDE FIELD

DATE: SAT. MAY 20TH 12 -?

WHERE: HINDE FIELD 88D HURON, OHIO

PLEASE JOIN EAA CHAPTER 50 AND HINDE FIELD FOR A SPECIAL EVENT. OPENED IN 1935 HINDE FIELD CONTINUES TO THRIVE. RIBS, BURGERS, HOT DOGS, ALONG WITH CAKE AND ICE CREAM WILL BE SERVED FOR HINDE FIELD'S 88 BIRTHDAY. PLEASE BRING A COVERED DISH TO SHARE. FOR MORE INFO CALL BEN GLEASON 419- 239-8292



A Greseth Harold Sportsman from Montana visited 4/27

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## New flight tracking system at Hinde Field

Displayed in the EAA Gathering Room

**What is this flight tracking display all about?**

**From Bob Hemchak**

It is simply a real-time presentation of all Automatic Dependent Surveillance-Broadcast (ADS-B) Out data being transmitted by aircraft ADS-B transponders. This ADS-B data is received and processed using a locally built and configured tracking station comprised of antennas, software defined radios (SDR), a computer and software designed to parse the ADS-B data for use by several different applications with one being the FlightAware website that many folks are familiar with.

There are two antennas located outside of the Gathering Room. The two antennas are designed to receive ADS-B transmissions on the 1090 MHz extended squitter (1090ES) frequency and 978 MHz universal access transceiver (978 UAT) frequency. These antennas are connected to SDRs that are tuned to receive data on their respective frequencies. The SDRs are [USB] connected to a Raspberry Pi computer. The Raspberry Pi software is primarily used to process these ADS-B returns and send them in batches every 30 seconds to a FlightAware server where they can be

Thank you to our on field expert and EAA member **Tracy Hille** who gets us connected. Tracy handled the electrical connection to the wind tee and wind sock. Both, along with the new run way lights, will enhance night flying Hinde Field.



**Bob Hemchak** installed a FlightAware tracking system in the EAA Gathering Room. Please stop by and see this innovative technology on our new 42 inch screen. Thanks Bob.

See related article.







## Scholarship Fundraiser

A new display of EAA & Hinde Field T-shirts and mugs have been added to the Gathering Room to raise funds for EAA scholarships.

The snack counter had a successful year in raising scholarship money. In the past calendar year over \$1,100 was raised for the fund. Hopefully the new addition will help the fund grow.

used along with other data to show tracking and flight information on any particular flight.

The Raspberry Pi has software to display the received ADS-B transmissions in **real-time** (vs. delayed) for all the transmissions received by **THIS** tracking station. ADS-B data is transmitted from the aircraft roughly every second from as far away as 200+ miles. Aircraft on the display are depicted at their current position based on the most recent ADS-B transmission received by the tracking station. Real-time is emphasized here since most web-based applications (e.g. Flightaware.com, FlightRadar24.com, etc.) use data collected by tracking stations such as these to depict the relative position of the aircraft and could be delayed by as much as 30 or more seconds.

**“But I can get all this information on my FlightAware cellphone App.”**

True. However, this tracking station located at Hinde Field provides a tactical surveillance “hole” or “gap” filler when it comes to aircraft equipped with ADS-B transponders transmitting on the 978 MHz frequency. This is why many of the aircraft based at and/or flying into Hinde Field with 978 MHz transponders never show up in FlightAware as arriving or departing aircraft. But aircraft equipped with 1090ES transponders do show as arrivals and/or departures. Therefore, arriving and departing aircraft statistical data for Hinde Field is somewhat



## Support EAA member & Hinde Field tenant owned businesses



**Kevin Bower**

Owner - Operator

Licensed & Insured, LLC  
Residential & Commercial  
Firefighter - Owned and Operated

**419-357-5711**

PO Box 143 Huron, OH 44839  
ErieShoresPowerWash@gmail.com



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**Ian Lyle**  
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ianlylerracing409@gmail.com

ianlyle93@yahoo.com

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Residential Window Washing

**(419) 202-2380**

tim@shiny-windows.com  
shiny-windows.com

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underestimated for an airport that has quite a bit of activity throughout the year

## News from Hinde Field



Last Fall FFA approved solar lights were added to the runway. The lights will operate from dusk to dawn. There are 3 settings, low, medium, and high which can be set as needed.



For safety, the planting of crops were move forty feet off the south edge line and 70 foot from the back at runway 11. The area was seeded last fall and came in nicely. An added benefit of this buffer is that it can be used as a south taxiway.

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## EAA 50 2023 PLANNED EVENTS

**May 20th**, "Hanging at Hinde" fly-in drive in event. Serving ribs, burgers, dogs, cake & cream, and bring a covered dish. 12 noon - ? Celebrating 88 years for 88D

**June 10th**, EAA 50 & Gleason Veterans steak fry! Covered dish please. 12 noon - ?

**June 15th**, Huron Historical Society tours Hinde Field, The Gleason Hangar, Project planes, and the History of the EAA. 6pm - 8pm

**June 24th**, "Young Eagle Flights" at Hinde Field 12 noon. Please pilots come and fly!

**July** OSHKOSH

**August 5th**, 12 noon at our Gathering room. Pictures and stories with members coming from OSHKOSH

**September 9th**, Annual Galloway Chili Fly In at Mather field. 12 noon, bring a covered dish, family & friends

**October 5th**, EEA 50 annual Octoberfest flying drive in with brats, burger, beverage, and your favorite covered dish. Bring your family and friends. Fishing for the kids. Held at Hinde Field.

**November 19th**, Annual Fall Banquet at the Sandusky AMVETS

**December 1st**, Annual Christmas celebration at the Gathering Room.



Open T-hanger #12 was fitted with new doors and will soon have a new concrete floor. **Dan Decarlo**, and his Zenith, will be moving from his current hangar to his new home upon completion.

### Welcome

New Hinde Field member **Tim Brown** to hangar 24D. He has his hangar and now is in search of a plane.

## 2023 EAA 50 OFFICERS

President.....Ben Gleason

Vice President .....Steve Risner

Treasurer .....Wes Missler

Secretary .....Dennis Sokol

### Trustees

Mike Weisenberger

Bruce Molnar

Roger Miller

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**SUBJECT TO PLUSES & MINUSES**