

July 01, 2025

WNY AeroMail #102

IMPORTANT

Number One Engine?

During the last 122 years there have been a lot of aircraft that traveled the skies of WNY. Did you ever wonder which one did this the most? You can pick the metric: number of flights or hours flown. Quite a bit of choices here! Now that you determined the aircraft, it's time to consider the Power Plant. That may be more challenging as often it is used in numerous aircraft types. It is likely difficult to substantiate this. My belief is that there is no correlation between production figures and presence in our airspace. A couple of common power plants that come to mind are the Continental O-200 as used in the Cessna 150 and the Lycoming O-320 that powered the Cherokee 140 and some models of the Cessna 172 and many others. There are about 40 different variation models of just the latter engine. These engines saw extensive usage during the Vietnam-era VA Flight Training. The O-320 of generally 150 or 160hp. still powers many Tri-Pacers, Apaches and Citabrias.



Boeing KC-135 Stratolifter water assisted Short Takeoff

I'll take a WAG and go in an entirely different direction here and toss in an engine many of you may never have heard of. This is the J-57, aka JT3C. Pratt and Whitney developed this engine and the first run was 75 years ago. The basic engine was rated for about 10,000 pound of thrust. Water/alcohol injection was incorporated for some applications. Afterburner was another option that added about 6000 lbs. of thrust with Fuel Flow that was phenomenal! Still later a forward fan was added to create a Turbo-Fan engine.



Martin B-57B Canberra

The power plant began as the Military J-57. The later civilian version was the JT3C. Adding the forward fan resulted in the later JT-3D designation. The Axial Compressor Section is of the "Split Spool" design. The forward Spool is referred to as the Low Pressure or N1 Compressor. It is driven by the Aft Turbine Wheels. The rear Spool is the High Pressure or N2 Compressor and is driven by the forward Turbine Wheels. The N1 drive shaft is within the N2 shaft. These units squeeze air that will ultimately furnish engine power. The 16 stages of compression increase the pressure and temperature of the air. A portion of it is referred to as "Bleed Air" is used for a variety of tasks. Among them are Pressurization (including the air that you breathe), anti -icing and de-icing and driving Generators and Hydraulic Pumps.



North American F-100 Super Sabre

The first flight of an aircraft powered by a J-57 took place on April 15, 1952 when a B-52 Stratofortress took to the air. Just over a year later the F-100A was the second type and went supersonic during the first flight. These were soon joined by others. A Listing of Models including number of engines and nearby bases follows:

Boeing B-52	8 engines	Griffiss AFB, Rome, NY
Boeing KC-135	4 engines	Griffiss AFB, Rome, NY
Martin B-57B	2 engines	Detroit, Michigan
North American F-100	1 engine	Niagara Falls, NY
McDonnell F-101	2 engines	Niagara Falls, NY
Convair F-102	1 engine	Griffiss AFB, Rome, NY

The Lockheed U-2, F-8 Crusader, Douglas A3D & F4D and several others used the engine but were not based in WNY.



McDonnell F-101 Voodoo

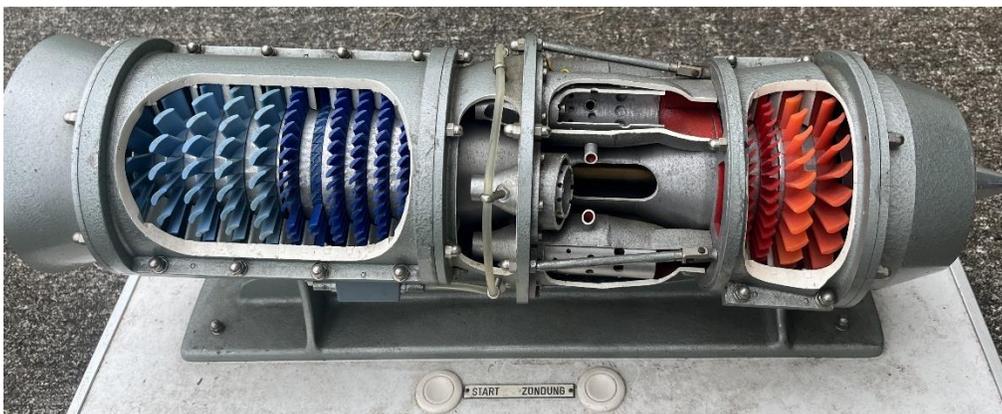
US airlines also used it as the JT-3C/D. The Turbo-Fan “D” had appreciably improved take-off characteristics compared to the earlier “C”. Retrofits were common and well publicized. These were a large part of the civilian fleet.

Boeing 707-120	4 engines
Boeing 720	4 engines
Douglas DC-8-10	4 engines



Douglas DC-8

So where are they now? When 14CFR Part 36 - Noise Standards was adopted in the 1970's, it required these civilian aircraft to install “Hush-Kits” and operational procedures that were not economically feasible compared to newer models.



Ron

“Trust in God and Pratt & Whitney”!

John H. Hackney at AirVenture 2025

In honor of your good friend and my father, the siblings of John H. Hackney collaborated to have his name embossed on the Memorial Wall at the EAA Museum in Oshkosh. Please pass this information along to anyone with plans to attend AirVenture 2025 and visit the museum wall.

Thank You,

Eric

Eric L. Hackney | Delta Air Lines, Inc. | Eric.Hackney@Delta.com

Champion Aerospace

Champion Slick has issued Service Bulletin SB1-24A which applies to recently manufactured magnetos. I strongly suggest you check this out - particularly before installing a new one!

https://www.gocivilairpatrol.com/media/cms/Slick_SB124A_f0494dbacb4af.pdf

Here are the Aviation organizations in WNY and contacts:

Aero Club of Buffalo	Mary Mattocks aeroclubofbuffalo@gmail.com https://aeroclubofbuffalo.org	716-710-9350
Air Force Association	Bob Ward rltward@gmail.com	
American Institute of Aeronautics (AAIA)		
Walter Gordon	c130hdriver@gmail.com	
Batavia Flying Club	Jenn Prutsman-Pfeiffer	716-474-3483
Buffalo & Erie County Naval and Military Park	https://buffalonavalpark.org/	716-847-1773
Christian Airmen Educational Foundation	PO Box 126, Akron, NY 14001 LizCotton212@gmail.com	716-542-4607
Civil Air Patrol	Gary Fox emius75@gmail.com	727-834-0235
Clarence Flying Club	Rich York rbaker18@yahoo.com	
Commemorative Air Force Association	Jrobi1116@outlook.com	Jacques Robitaille 972-977-4245

<https://toratoratora.com/event/geneseo-ny-july-12-13/>

EAA Chapter 44	Mark Scheda msheda@rochester.rr.com	585-451-8743
EAA Chapter 46	Lou Pilie loupillie@icloud.com	716-238-4164
EAA Chapter 674	John Tower jdepatie@rochester.rr.com	585-589-0358 585-750-3795
Finger Lakes Area Pilots	http://fingerlakespilots.org Jim Hickel, fingerlakespilots@gmail.com	
Finger Lakes Soaring Club	rick.lafford@gmail.com	
National Warplane Museum	Tina.Treichler@nationalwarplanemuseum.com info@nationalwarplanemuseum.com http://www.nationalwarplanemuseum.com/	585-243-2100
Niagara Aerospace Museum	Lindsey Lauren Visser lindsey.visser@niagaraaerospacemuseum.org www.niagaraaerospacemuseum.org	716 853 9409 716 297 1323
Niagara Soaring Club	Ron Franco chariot412@msn.com	
Ninety-Nines of Western New York	Lisa Hotung lisa.hotung@gmail.com	716-628-8399
Ninety-Nines Finger Lakes Chapter	Lisa Hotung lisa.hotung@gmail.com	716-628-8399
PALS SkyHope	Mike Jeswald aviatorpilot21@yahoo.com	716-868-0541
RAT & RAGs (Retired Air Technicians)	Bill Reed Wreed6223@roadrunner.com	
UB Pilots Association	ubpilotsassociation@gmail.com	
Wings Flights of Hope	wingsflight@gmail.com	716-667-0816
WNY Flying Club	KBQR Buffalo-Lancaster Regional Airport info@wnyfc.com	

Ron Ciura

EVENT CALENDAR

July 2025

3rd. - **EAA Chapter 44** continues the **Baby Ace Restoration** sessions on every Wednesday at 6PM. You are welcome to observe and pitch in!

4th. – **July 4th. Food & Fireworks** at 10192 Boston State Road, Boston, NY 14025 from 2 PM to 11 PM – see detailed description below - all Invited!

5th. – **EAA Chapter 46 – Hangar Talk** at Lancaster Airport (KBQR) every Saturday morning, 8AM – 12 Noon held in far east end hangar, second row facing south.

8th. – **No July & August EAA Ch44 IMC/VMC** club meetings, which normally meets at 7PM in the SAC. See you in **September!**

15th. – **EAA Chapter 44** gathering at 6:30 PM with dish-to-pass, our guest speaker is **Jeff Brooks**, sharing his flight testing experiences with his replica Fokker D.VII. Many of you have followed his project progress in the **Link** below under “**We Highly Recommend!**”!

17th. - **EAA Chapter 674** meets at GVA third Thursday of every month, 7 PM at the clubhouse, 2501 Gaines Waterport Road, Albion, NY. Anyone interested in aviation, discussing airplanes, local aviation events, helping out, etc. - call EAA Chapter 674 at 585-750-3795.

18th. – **Melanie C. Georger Memorial Golf Tournament** at the Chestnut Hill Country Club. See detailed description below.

21st. – **27th.** – **EAA AirVenture 2025** – see attachment below for details.

The July 2025 Issue of the **Akron Flyer** by **Allen Kidder** is now available and includes Discovery Flights and the many interesting airplanes that landed this month at Akron Jesson Field (9G3). Along with photos and info on the Niagara Aerospace Museum there are more of Mike Westphal’s photos from BUF including two Boeing 727 airliners, a BAC-111-400 operated by US and a Lockheed L-1011.

The July 2025 issue of **Vectors for Safety** by **Gene Benson** is now available and has an Old Pilot Tips and continues presenting several of his Accident Analyses with graphic photos:

<https://www.vectorsforsafety.com/blog/vectors-for-safety-july-2025>

You may not be aware that Gene has 87 videos on his website for your viewing!

See: <https://www.youtube.com/@GeneBensonAviation/featured>

EAA Chapter 44 news: <https://chapters.eaa.org/ea44/newsletters>.

EAA Chapter 46 news: <https://chapters.eaa.org/ea46/newsletters>.

Here are some of EAA’s Webinars scheduled for July:

<https://eaa.org/ea/news-and-publications/ea-webinars>

ATTACHMENTS / LINKS

July 4th. Party



Once again, Bill & Debbie Papich will host a huge Old-Fashioned Family Friendly party at their home at 10192 Boston State Road, Boston, NY 14025. Bill & Debbie have asked me to send out an invitation to YOU.

July 4th. Festivities start about 2PM and finish by 11PM. There is a pond where kids (of all ages) can swing on the Tarzan rope and drop-in. Bill & Debbie hire a band for the day. There is a large variety of food & drinks. At sunset an absolutely incredible fireworks display with music concludes the day.

What to bring: Yourself + your Guests + your Children (younger kids will need Adult supervision near the pond). Folding chairs, cameras, sunscreen, hats and a sweater or blanket if it gets cool for the fireworks at dark. A dish to pass, - snacks, bottled water, salads, desserts, etc. A Pig Roast & fried chicken is already on the menu!

Antique/Classic cars, motorcycles, airplanes & other languages spoken here!

If you are arriving from the Buffalo area: Take Route 219 to the Rice Road exit, Turn LEFT, downshift and swoop down the hill – whee! Then turn RIGHT at the

light onto Springville-Boston Road. The location is about 1.6 miles away on the right side, just past Fowlerville Road. Look for a lot of cars, vans, SUVs and trucks parked in front of the barn!

Ron Ciura's cell is 716-560-7205 and Bill Papich's cell is 716-949-6343.

I'm sure you will know many of the airplane folks enjoying the Party.

Hope to see you there!

Ron

EAA Chapter 44 Upcoming Events

EAA Chapter 44 2025 Aviation Summer Camp

Ages 11 – 17

August 2 & 3, 2025

9:00 AM – 4:30 PM

Cost: \$99.00

EAA Chapter 44 Sport Aviation Center
Ledgesdale Airpark (5G0)
44 Eisenhower Drive
Brockport NY 14420

Pre-registration is required. Please contact Elise Isler :AviationCamp@eaa44.org for information and a registration form. Registration closes July 15, 2025. The camp includes 2 days of fun-filled activities all about aviation. Students will be introduced to basic aerodynamics, airplane construction, weather, navigation, instrumentation, different kinds of aircraft, and aviation related career opportunities as well as hands-on experience working with wood and metal and various tools related to building aircraft.

*** Students are asked to bring their own snacks and picnic lunch including a beverage. Water will be provided.

See below link for general information on this unique opportunity for youth.

<https://www.eaa.org/eaa/youth/eaa-aviation-and-flight-summer-camps>

Chapter 44 2025 Young Eagles Schedule

Founded in 1992, the Young Eagles program is dedicated to giving youth ages 8–17, an opportunity to go flying in a general aviation airplane. These flights are

offered free of charge and are made possible through the generosity of EAA member volunteers. The Young Eagles program has flown over 2.2 million kids

August 23, 2025: 10 AM
September 20, 2025: 10 AM

Please pre-register to reserve your child's aviation adventure! For registration and questions, please contact Rick Tandy at rltandy23@gmail.com

For more information from EAA headquarters about the Young Eagles program, visit www.young eagles.org



<https://niagaraaerospacemuseum.org/visit-the-museum/>

Open Saturday and Sunday 11-4PM and by appointment.

The Niagara Aerospace Museum, located to the left of the terminal at the Niagara Falls Airport, recently celebrated its 25th year documenting the incredible aviation and space history of Western New York, ranging from the rocket engine that lifted all twelve Apollo astronauts off the moon to the Bell X-1 that Chuck Yeager flew to break the sound barrier

Piper Rudder AD 2025 02 11 - Global AMOC

If you need information regarding the Alternate Method of Compliance (AMOC) for AD 2025 02 11, I can share this via e-Mail. Send your request to magman366@gmail.com

Please put < Piper Rudder AD 2025 02 11 Global AMOC > in Subject Line so I can readily find it.

WNY AeroMail issue #103

Please note that e-Mail submissions of any type for the next issue of WNY AeroMail must have "#103" in the subject line. You do not need the quotation marks but you do need to have a space after the number 103. Send submissions by July 28th. to **Both** christopher.koch@gmail.com & magman366@gmail.com

Thanks, Chris



ONE WEEK
ENDLESS POSSIBILITIES

July 21-27 EAA.org/Tickets

EAA AIRVENTURE
**OSHKOSH
2025**

FREE YOUTH ADMISSION

Free youth admission ages 18 and under is supported in part by

BOEING

The poster features a vibrant aerial scene with various aircraft including a large blue and yellow Goodyear blimp, several biplanes, a purple fighter jet, a yellow biplane with the number 3, a red biplane, and a blue fighter jet. The background shows a cityscape and a runway. Fireworks are visible in the sky. The text is prominently displayed in blue and white.



JUST LIKE NEW
AIRCRAFT DETAILING

(585)813-4022
JUSTLIKENEWDETAILINGWNY.COM



✈ Exterior Wash & Wax ✈ Paint Correction & Polishing ✈ Brightwork Metal Polishing ✈ Interior Deep Cleaning ✈ Ceramic Coating & Paint Protection ✈ Dry Wash & Eco-Friendly Cleaning ✓ 100% Mobile Service ✓ Aviation-Grade Products ✓ Customized Service Plans



AIRCRAFT DETAILING SOLUTIONS



Connor Domoy - 585-201-3718

Melanie C. Georger 
Memorial Golf Tournament for the 99's

Friday July 18, 2025 at 12PM with a 1PM Shotgun Start

**Chestnut Hill Country Club
1330 Broadway, Darien Center, NY 14040
GOLF, DINNER and BASKET RAFFLE**

Individual \$125.00

Foursome \$500.00

Dinner Only \$60.00 (limited number available currently)

Sponsorship opportunities available! Call 716-901-3510

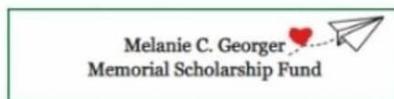
18 HOLES * BEST BALL TOURNAMENT
AWARDS for MEN'S and CO-ED TEAMS
CLOSEST TO THE PIN & LONGEST DRIVE CONTESTS
\$10,000 HOLE in ONE CONTEST

*This Tournament is to honor and memorialize our loved one,
Melanie C. Georger as we establish scholarships in her name through the
Ninety-Nines (99's) an International Organization of Women Pilots.*

For more information contact:

Paul Georger 715-725-1416

Warren Bouchane 716-901-3510



BATTLE OF BRITAIN AIRFIELDS AND MUSEUMS TOUR

To the Aero Club of Buffalo members, Guests and
Those interested in the Battle of Britain:

Austin Beach, who presented at the Aero Club dinner last November on the Battle of Britain, Jared Cummings and I are planning a tour of Battle of Britain Airfields, associated Museums, aircraft and other centers of interest. We plan to make it a seven day tour around the English countryside to these areas above. The tour will be limited to not more than 20 people and will be conducted the last week of August or the first week of September next year 2026. Austin will be our Guide. More details as to the Museums and airfields selected will be presented in the next 2 weeks. Accommodation and transportation will be arranged from either Gatwick or Heathrow to the hotel and to the museums. Your flight to and from Gatwick or Heathrow is up to you to arrange for yourselves as you may want to come earlier and stay later. If you are interested in this tour, please indicate to me, Willy (Mary) Mattocks 716 435 6132 (cell) phone or text or e-Mail mmattock@daemen.edu

Helpful Basic Med Links

December 2024 changes made through the FAA Reauthorization Act of 2024:

- Pilots can carry up to six passengers, increasing the total number of occupants in the aircraft to seven
- Takeoff weight increased from 6,000 lbs. to 12,500 lbs.
- Pilot examiners can conduct flight checks in aircraft covered by BasicMed
- The duration of the comprehensive medical examination is determined using calendar months
- Transport category rotorcraft certified to airworthiness standards under part 29 are **not** covered by BasicMed

<https://www.aopa.org/advocacy/pilots/medical/basicmed>

https://www.faa.gov/licenses_certificates/airmen_certification/basic_med/

Here is the form for your Doctor to complete:

https://www.faa.gov/documentLibrary/media/Form/FAA_Form_8700-2_.pdf

ITEMS FOR LEASE, SALE OR WANTED

Have you always wanted to own an Airport?

Hamburg Airport and adjacent land will be listed For Sale soon, interested parties contact Rob Gannon at gannon@hamburgairport.us for details. This would be a great opportunity for a group of airplane owners!

Cessna C-150 N8503G For Sale \$35,000

Owner: David Pynn

4227.91 TTIS, 1131.98 Tach

Royalton Airport

716-628-2128 or 716-772-2659



YEAR: 6/8/24 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description Entries must be endorsed with Name, rating and signature of Technician or Repair Facility. (See back pages for other specific entries.)
	1116.81		4227.91	<p>Clean brake calipers on both main gear c/w AO 2017-1401 by inspection of FLT c/w AO 2015-10-09 seat and seat rails by insp. c/w AO 72-03-03 R3 by insp. and lube c/w AO 76-07-12 by c/w check c/w AO 96-02-06 neoprene gasket by Insp. Precup trim pulleys under floor clean bottom of Aircraft. I Certify this Aircraft has been Inspected I/ALW A Annual Type Inspection and was found in a Airworthy condition AO's checked through by weekly 2024-11 John Moore AP/IA 3656740</p>

Batavia Flying Club - Seeking a Skyhawk! Are you an aircraft owner (or do you know someone) that would be interested in a leaseback opportunity to a local flying club starting May 2025? Please contact Jenn Prutsman-Pfeiffer at 716.474.3483 if you would like to find out more about this opportunity.

For Sale

2 **Luscombes**, 1- **7AC Champ** (rusted fuselage) and 1 - **J-3** partially completed.
 LOTS of Cub parts. Too many to list.
Darrell Panike, Canandaigua 585 738 8264

1945 Aeronca 7AC CHAMP



For Sale

Completely original Champ
Light sport Eligible
No Electrics
Continental 65
Low time engine, less than 300 Hrs. SMOH
Icom IC-24 radio and Flighttech ITC-401TC Intercom
Shoulder Harnesses
Reiff Engine Preheater
Auto Fuel STC
Great Flyer
Annual 05/2025
\$34,500
Aircraft is hangered at Royalton Airport, Gasport NY
Contact: Jack Tuchols (716) 998-3288

Last minute update: first \$27,900 gets it!

For Sale: my **1946 Globe Swift GC-1B**
145 hp. Low time airframe and mid time engine. Ken Moses cell: 585 353 4666



Also: Perry Warsaw Airport (01G) has hangar space available. We have several spots up to and including a light twin. **Ken Moses**, Airport Manager call 585 353 4666 for details.



VREF Valuation Service

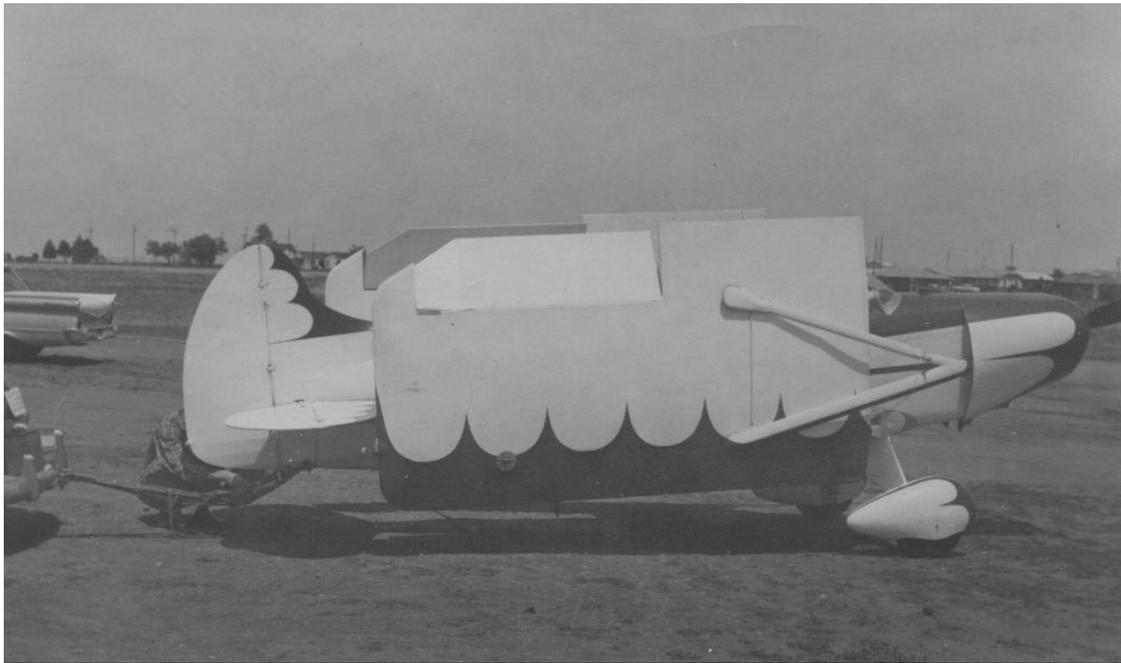
As you may know, VREF airplane valuations are no longer available to AOPA members. Little Bird Airways, LLC has recently purchased a VREF subscription. If you are in the market to buy or sell an aircraft and need guidance on its value, we can prepare a VREF report for you for a small fee. Please call Claudia at 716-796-1823.

Wanted: Lycoming O-235C, contact Ron Ciura: magman366@gmail.com

NOTICE

One of our Readers is willing to **donate** his long term EAB Spezio Sport 2-Holer project to any aviation enthusiast willing to bring it to completion. Contact **Kirby Keith** of Sanborn, NY at (716) 445-9150 for details!





Aircraft Items and Tools For Sale

1. Pilot PA-400T 4 Place Intercom - \$125.00
 2. David Clark H-10-66 Helicopter Dual Military/Civilian Headset - \$275.00
 3. David Clark H-10-56 Helicopter Headset - \$275.00
 4. David Clark H-10-40 Airplane Headset - \$275.00
 5. Hydraulic Mule 0-1500 PSI - \$1000.00 - Used on T-6, P-51, B-25
 6. Aircraft 4130 Steel Tubing and Channel, enough to build a J-3 - \$1000.00
 7. Mooney Gear Rigging Tools - each tool cost \$1300.00, \$500.00 each tool.
 8. Aircraft Gas Powered Tug - Up to 15,000 lbs. Single Engine to Light Jet - new tires, tubes, carburetor installed. \$2000.00
 9. Engine Overhaul Stand with assorted adapters. \$350.00
 10. Aircraft Jumper Cables - \$100.00
 11. Tail Wheel Aircraft Tow - \$200.00
 12. Sensenich Propeller Test Club - \$750.00
- MAN CAVE or HANGAR DISPLAY ITEMS:*
13. Flight Data Recorder: Make Offer
 14. Omega Navigation System: Make Offer
 15. Hartzell Propeller HC-12X20C-3

Contact: Paul D. Faltyn
716-807-2692 or PDFpilot@aol.com

Aries in Flight Ground School Services - My name is Elisabeth Tate. I am an Advanced Ground Instructor. I offer affordable lessons online via Zoom or in-person at Akron-Jesson FBO. Please visit my website for more information and contact information. <https://elisabethtate.wixsite.com/ariesinflight>

George Ezzo, A&P IA at the Buffalo - Lancaster Airport (BQR) has purchased new equipment to balance Propellers. The fees are \$250 fixed pitch and \$300 Constant Speed. You can contact him at 716 860 6044 during normal business hours.

Protect your passengers and yourself from COVID 19. **Aircraft Disinfection Service** ehartman48@yahoo.com 716-946-8192

Cherokees, 172s and other aircraft for sale **wanted**. Send details to Ron at Magman366@gmail.com who will relay to buyer.

We Highly Recommend:

Visit Niagara Aerospace Museum's website: <https://niagaraaerospacemuseum.org/>

Do you periodically read "**Vectors for Safety**"? Join Gene Benson's mailing list: <https://www.genebenson.com/#join-my-mailing-list> Also check out his websites at <https://www.vectorsforsafety.com/> and <https://www.genebenson.com/>

If you don't receive the monthly **Akron Flyer** newsletter, contact Allen Kidder AllenKidder@Gmail.com and request to be placed on the subscription list or simply sign up on the website: <https://www.akronairportny.com/newsletter-signup>

Akron Airport's website: <https://www.akronairportny.com/> and <https://www.airnav.com/airport/9G3>

Check out the National Warplane Museum in Geneseo, NY - <https://nationalwarplanemuseum.com/>

Wings Flights of Hope: <https://www.wingsflight.org>

Further info on abandoned Airfields: www.airfields-freeman.com

Jeff Brook's "My Fokker DVII Project" -
<http://www.theaerodrome.com/forum/showthread.php?t=24887>

Mike Busch's Savvy Aviation: <https://www.savvyaviation.com/about-us/>

The Aero Club of Buffalo



Please make note of the following: Our phone number is (716) 901-6126 and our mailing address is PO Box 676, Williamsville, NY 14231. The club's e-Mail address is **aeroclubofbuffalo@gmail.com**.

Regards,

Willy Mattocks

Notes from Ron Ciura (the Reporter):



We are looking for local aviation history and articles! Send them to Ron Ciura at Magman366@Gmail.com.

We all know that WNY has many unique Aircraft, Pilots & Stories. If you know of anything unique, please send it to Magman366@gmail.com

Some AeroMail points you should know:

- If you have a message you wish to have added to AeroMail then send it to me - the earlier the better.
- Advertisements will be posted for three issues unless you request an extension.
- If you wish to respond to any content, contact the content provider, not Ron Ciura!
- If you no longer wish to receive the "Aviation-Only Mail" please let me know why & I will subsequently remove you from the List.

Thanks,
Ron

"Flying is a hobby I participate in to prevent becoming wealthy!"

"A mile of highway gets you nowhere - A mile of runway gets you everywhere"



Production Editor: Christopher Koch christopher.koch@gmail.com