



IN THIS ISSUE

President's Letter 1
Sentimental Journey 2
Virgin Galactic 2
YO-3 Quiet Star 2
RV-10 Progress Report 3
9 Weirdest Military Aircraft . 4
Warbird rides at FDK 5
Club Bulletin Board 6
Oshkosh News 6
Vintage News 6
Chapter Officers 7
Calendar
Chapter 524 Exploits 7
Local/Fly-In Events 8
EAA Webinars 9
Chapter Information 9
Member Application 10

The Frederick Flyer

President's Message

I hope you have found a way to stay cool during the heat wave we have been experiencing. Whether that is staying at home in some nice air conditioning, or under the shade of an airplane at one of the local fly-ins that are now taking place. I have been fortunate go to two of them in the region, the Potomac Aero Squadron's Fly-in at Massey Aerodrome (formally held at Hornpoint) and Sentimental Journey at Lock Haven. Both had some wonderful vintage planes to see.

Don't get me wrong, the pandemic is not over, but I think we have learned to minimize risk and exposure with the available vaccines, social distancing and mask wearing. With the reduced risk, we again will be holding in person chapter activities, starting with our chapter gathering on August 5th. The chapter hangar will be nice and cool, and it will be partially occupied by our next chapter project, a Zenith 750 that we will be building with the local veterans community. The build will be a great learning experience for chapter members and a great way to meet new people. More details will be announced at our chapter gathering, but we will hold an open house on the project on August 14th. Combined with our VMC and IMC meetings, as well as the finishing touches on the RV-10 project, August will be a very busy month for our chapter as we re-open to in person activities. I hope you will be able to join us for some of them.

I know a few of you will be going to Airventure at the end of the month. I wish you safe travels to the aviation family reunion and I hope to run into amidst the vendors and seminars. Our chapter will be donating an Adirondack chair (thanks to Mary Ann) to the Blue Barn as well as smaller items

Take care everyone,

Chris President EAA Chapter 524





Sentimental Journey

26 June 2021

In case you missed the EAA Chapter 524 Facebook Post: Chapter member Ernest ORoark shared these photos: "Had a great day at Lock Haven's "Sentimental Journey" fly-in with Jerry Blake, Robert Johnson, and Chris Gunther. We took both planes in almost perfect weather."





Virgin Galactic & Blue Origin

This screenshot from a Virgin Galactic video shows the company's VSS Unity vehicle firing up its rocket motor during its third test flight to suborbital space, on May 22, 2021. (Image credit: Virgin Galactic)

It's been a long road to passenger spaceflight for Virgin Galactic and rival Blue Origin

By Mike Wall | July 10, 2021

The companies backed by Richard Branson and Jeff Bezos are ready to launch astronauts. Richard Branson's path to space has been quite a bit longer and more circuitous than he anticipated ...

Click on the title for the full article . . .

Win Two Seats on One of the FIRST Virgin Galactic Flights to Space

closes Sept 1, 2021 | Winner Announced around Sept 29, 2021 Click on the title for the full article . . . **YO-3 Quiet Star**



This was one of the stealthiest aircraft ever flown by the US military

By Ian D'Costa | July 11, 2021

Imagine an airplane so quiet that it's virtually impossible to hear it coming and going from the ground. This may seem like science fiction to most, but for the US Army's YO-3 'Quiet Star' scout aircraft, it was an incredible and unparalleled reality - still unmatched today.

In the late 1960s, the Army put forward a requirement for a small observation aircraft that could fly just above 1,000 feet without being detected by North Vietnamese and Viet Cong troops...

Click on the title for the full article . . .



RV-10 Progress Report















The RV10 is really taking shape. Steve continues to press forward with the build. Volunteers drop-in to help when they can. Grab a friend or family member and bring them by the hangar. Tuesdays and Thursday nights, 6-9pm are the usual build days and time through the summer months.

Stay tuned to the chapter calendar for scheduling during 2021 AirVenture. As you can see, The 750 Cruzer has arrived and preparations are being made for the Veterans Build.

Hope to see you at the hangar for the August 5th meeting!

RV10 Videos: RV10 Build Team 2021 June 17









Mighty Tactical

9 of the Weirdest Military Aircraft That Actually Flew

By Jessica Evans | July 13, 2020

Click on the title for the full article . . .











Number 7: McDonnel XF-85 Goblin





Number 8: American F-82 Twin Mustang



Number 9: Northrup Tacit Blue

Volume 19 Number 7 July 16, 2021

























Father's Day was FABULOUS at FDK! Here are a few pictures of the WWII warbirds of the CAF Capital Wing! Three different aircraft were in attendance - the TBM Avenger "Doris Mae," L-5 Sentinel "Gayle Ann," or the open-cockpit Stearman N2S-4. The weather cooperated for some great fun. Thanks go to Erick Webb for providing the great aircraft photos! Find out more about Warbird rides, please visit https://www.capitalwingwarbirdrides.org/

July 16, 2021 Volume 19 Number 7

Club Bulletin Board

Veteran Build 750 Cruzer Aircraft has arrived

We are having an OPEN HOUSE! Invitations and announcements are going out . . . It's a great time to come out to the hangar and show your support for aviation, veterans and the freedom of homebuilt airplanes.

AUG 2021

EAA CHAPTER 524

Website: chapters.e Facebook: EAA524

il: vetbuild2021@gmail.com

Chapter House located behind Frederick Flight Center at

Frederick Airport: 111 Airport Drive East Frederick MD 21710

Veteran Build Open House

EAA Chapter 524

The "Veterans Build" was an inspiration by some of EAA Chapter 524 members. The build's mission is to facilitate the education and social opportunities for Disabled American Veterans (DAV) interested in aviation. Chapter 524 members are encouraged to help with construction, provide expert instruction or just social support. The "Open House" will provide:

- Introduction to the Experimental Aircraft Association.
- Overview on how to build a 750 Cruzer aircraft.
- How to form and operate a not-for-profit flying club.
- Meet chapter members and talk about aviation and the opportunities that await you.
- Food and refreshments will be provided.

OSHKOSH News



MON, JUL 26 - AUG 1

EAA AirVenture Oshkosh 2021

EAA - The Spirit of Aviation - EAA - The Spirit of Aviation

☆ Interested

Going

M Invite

Changes to KidVenture Coming for AirVenture 2021.

by Erin Henze | July 8, 2021

During AirVenture Pioneer Airport gets transformed into heaven-onEarth for aviation-loving kids . . .

Click on the title for the full article . .

Thinks to Know About Fueling Your Aircraft at Oshkosh

July 8, 2021

Basler Flight Service, which supplies aircraft fueling services at Wittman Regional Airport, has updated its procedures for EAA AirVenture Oshkosh 2021 . . .

Click on the title for the full article . .

Gray Areas

by Robert N. Rossier, EAA 472091 | July 8, 2021

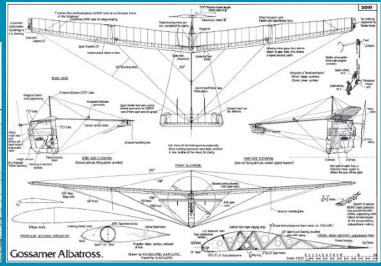
There are times when pilots experience those gray areas where VFR and IFR flight operations can overlap. Regardless of how we might interpret such a situation - who was right and who was wrong - the keys to survival when operating in such gray areas are to be vigilant, take all possible precautions to ensure separation from other aircraft, and recognize that others might be operating by a different set of rules. . . .

Click on the title for the full article . .

Vintage News

Special thanks EAA-Vintage Aircraft Association for this FB post.





This Day in Aviation 12 June 1979: The human-powered airplane, Gossamer Albatross, built by AeroVironment, Inc., of Simi Valley, California, flew across the English Channel from The Warrens, near Folkstone, Kent, England, to Cap Griz-Nez, France, 22.26 miles (35.82 kilometers) in 2 hours, 49 minutes. He established two Fédération Aéronautique Internationale (FAI) World Record: Straight Distance, 35.82 kilometers (22.26 miles)¹; Duration, 2 hours, 49 minutes.²

The pilot/powerplant of Gossamer Albatross was long-distance bicyclist Bryan Lewis Allen. Allen pedaled at a constant 75 rpm...Gossamer Albatross is in the collection of the Stephen F. Udvar-Hazy Center, Smithsonian Institution National Air and Space Museum.

This Day in Aviation

Click the red button and follow the hyperlink for the full article

July 16, 2021 Volume 19 Number 7



Upcoming Events

Chapter Meetings

Zoom Meeting date & time: August 5, 2021; 7 pm

Presentation: Choices Lead to Space.

Board Zoom Meeting: August 12, 2021; 7 pm. VMC Club Meeting: July19 and Aug 16; 7 pm

Meetings will continue via ZOOM video conferencing until

further notice. Visit Event Calendar page.

IMC Club Meeting: July 20 and Aug 17; 7 pm

Meetings will continue via ZOOM video conferencing until further notice. Visit IMC Club meeting page and VMC meeting

page form more information.

Other Events

Go to EAA Events at: http://www.eaa.org/news Go to EAA Aviation Calendar of Events at:

http://www.eaa.org/calendar

Go to AirVenture at:

http://www.airventure.org/index.html https://www.eaatogether.org/

Go to EAA SportAir Workshops at:

http://www.eaa.org/sportair

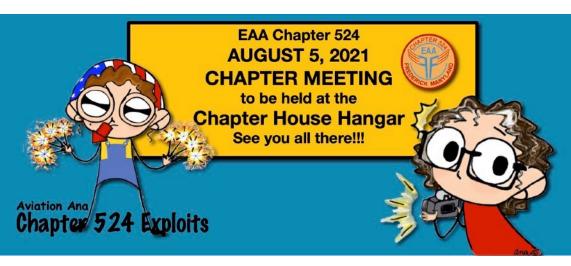
Chapter Adirondack

EAA 524 has an adirondack chair to represent the chapter at Oshkosh. So if you happen to make it to AirVenture 2021, swing by the Blue Barn and spend a little time there to sit back and relax. . . . assuming, of course, that the chair finds a ride to Oshkosh!



Chapter Monthly Meeting Program Schedule

Month	Program		
July 2021	Cancelled Chapter Meeting		
August 2021	John Varljen. The title of his presentation: "Choices Lead to Space." It promises to be fascing especially with all the recent developments in the space delivery business.		
September 2021	TBD		



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July 16, 2021 Volume 19 Number 7

Fly-In/Events of Interest

The Glenn L. Martin Maryland Aviation Museum at Martin State Airport, 701 Wilson Point Rd, Hangar 5, Middle River, MD Venture In: Explore, Engage & Experience Excitement for Aviation STEM & History Saturday, July 17, 11am to 3pm Work as a team to capture the wind in a large parachute





Get your final card and Show your hand at Cross Keys (17N) by July 24th at 1:30p. Visit the other local participating airports for cards on July 24th from 9a-1p

Flying W (N14) FBO South Jersey Regional (VAY) FBO Hammonton (N81) Hammonton Apron Cafe Vineland Downstown 28N (T Hangars) (If you cant land at 28N, an extra card will be provided at Cross keys) Please Check NOTAMS

Delicious fresh made to order cheesesteaks hot off the griddle will be available for purchase from 11-2 while supplies last. Proceeds benefit EAA 216, and our new scholarship initiatives! Ask for details. For more information contact Mark Schmid 609-221-6623 or email eaachapter216@gmail.com

2021 WINGS AND WHEELS

Annual Fly-In/Cruise-In at Venango Regional Airport (KFKL) in Franklin, PA

SATURDAY AUGUST 14TH 11 AM TO 4 PM

-Rain or Shine-

FREE Admission and Parking Donations appreciated!

DASH MAGNETS GIVEN TO THE FIRST 200 TO REGISTER! Fly it, drive it, or ride it to our runway and enjoy the day!

THIS IS A FAMILY EVENT! Bring everyone for music, FOOD, machines, and FUN! There is something for everyone here! Come see airplanes, cars, trucks, motorcycles, semi trucks, farm tractors, engines, and much more!

Check out updates from Vintage Wings Inc. and Franklin's own Beach City Baby and get into the era with the WWII reenactors!

For more information please contact: Jim Aaron at 814-758-5470 or Jim Gaiter at 724-301-8231

Hot Air Balloon Festival **Google Search**

The Chesapeake Bay 30 Balloon Festival

JUL Fri, Jul 30 - Sun, Aug 1 Triple Creek Winery, 111.. Cordova, MD



Carroll County Balloon 28 Festival AUG

Sat, 1 - 9 PM

Carroll County Agricultur... Westminster, MD



Chesapeake Bay Balloon 30

Festival

Fri, Jul 30 - Sun, Aug 1 Maryland



The Chesapeake Bay

Balloon Festival Sat. 5 - 10 PM

Maryland

Balloon Festival, 11138 ... Cordova, MD



5K RUN/WALK AMONG BALLOONS

Sun, 8 - 10 AM

Carroll County Agricultur... Westminster, MD



Chester County Balloon Festival

Fri, 11 AM - 5 PM

Willowdale Steeplechas... Kennett Square, PA



Flying Circus Aerodrome Hot Air Balloon Festival

Sat, Aug 21 - Sun, Aug 22 Flying Circus Aerodrom...



Midland, VA Laurie Berkner

Fri, 1:30 - 6:30 PM

New Jersey Lottery Fest... Whitehouse Station, NJ



Balloons Over Rockbridge

Fri, Jul 2 - Sat, Jul 3 JUL

Virginia

Virginia



Chester County Balloon Festival / Admission

Fri, Sep 10 - Sun, Sep 12

Willowdale Steeplechas... Kennett Square, PA











SATURDAY, SEPTEMBER 11, 2021 AT 11 AM EDT - 4 PM EDT

Wings & Wheels Expo

n. MD 21742-1325. United States 14211 Basore Dr. Hagerst

Event by Wreaths Across America - Wreaths For Maryland

14211 Basore Dr, Hagerstown, MD 21742-1325, United States

Duration: 5 hr

KAYAK FLOAT TRI

Public · Anyone on or off Facebook

Operation Wreaths For Maryland will be at the Hagerstown Airport-Dome Hangar, for the 2021 Wings & Wheels Expo. 9/11 is known as "Patriot Day".

Come see us and all the vintage aircraft on display. Including vintage military vehicles, and a cruise-in of antique and classic cars, trucks and motorcycles. Owners can bring their vehicle for free registration. The first 100 get a custom event dash plaque. Come tour a Douglas DC-3, a C-123K Thunderpig (Vietnam), a B-25 Bomber, a 1919 Bellanca CE aircraft, the A-10 Thunderbolt and more! Live music and food on site!

FREE EAA Webinars

EAA webinars are free to all aviation enthusiasts. Preregistration is recommended since space is limited to the first 1,000 registrants.

https://www.eaa.org/eaa/news-and-publications/eaa-webinars

Live multimedia presentations, informative and interactive, allow presenter to use slides and audio. Audience members can ask questions or polled for opinion. Webinars begin 7 nm CDT

7pm CD1.			
06/22/21	Welcome to EAA-Getting the Most Out of Your Membership		
06/23/21	Tips for Flying Into EAA AirVenture 2021*		
06/30/21	Ultralight/Homebuilt Rotorcraft Arrival Procedures - AirVenture 2021*		
07/06/21	Propeller Selection for Homebuilts**		
07/07/21	The Great Beyond (TBO) **		
07/13/21	EAA AirVenture 2021 Features and Attractions		
07/14/21	Get Your Gas In Gear: Preventing Misfueling Accidents**		
08/03/21	Homebuilt Highlights from Air Venture ***		
08/04/21	Misfueled with Jet A**		
08/10/21	Bugatti 100P: One of a Kind		
08/11/21	Runway Directional Control*		
08/17/21	Alluring Figures in Aerobatics: What the Rules Say,		

What Judges Like, and what Pilots Do*

08/25/21 Tundra Tires Rule: Alaska Style*

* Qualifies for FAA WINGS credit

8/18/21

** Qualifies for FAA WINGS and AMT credit

How to Become a CFI*

*** HOMEBUILDERS WEBINAR SERIES

FAA Wings Program

WINGS PROGRAM 2019
WINGS EFFECTIVENESS REPORT 2011
WINGS FLIGHT INSTRUCTOR GUIDE 2018
WINGS ADVISORY CIRCULAR 2011

Clear skies, safe travel, be happy and see you all soon!

Frederick VMC Club

IMC Club meets: third Monday of each month, 7:00 p.m.

Location: Chapter 524 Aviation Education Center/Hangar, Frederick Municipal Airport

With the success of the IMC Club, EAA 524 is now forming a VMC Club, oriented toward primarily VFR pilots of all experience levels.

The VMC Club will meet on the third Monday of each month, the day before the IMC Club meets. The VMC Club offers monthly meetings in which pilots can network and share knowledge and experience. The meetings use real-world scenarios to engage members, and allow a free exchange of information that improves awareness and skills.

Because of current restrictions, we will meet via Zoom until we can get back into the Chapter Aviation Education Center. You can register for the inaugural VMC Club Meeting here: https://bit.ly/3iJEb47

Frederick IMC Club

IMC Club meets: third Tuesday of each month,7:00 p.m.

Location: Chapter 524 Aviation Education Center/Hangar,

Frederick Municipal Airport

Interested in learning more about IFR flying? Scenario-based discussions are available here.

A community of pilots willing to share information, provide recognition, foster communications, promote safety, and build proficiency in instrument flying. IMC Club chapters offer monthly meetings in which pilots can network and share knowledge and experiences.

More information about the club and its mission can be found on our website at https://chapters.eaa.org/eaa524/imc-club

Chapter Meeting Location & Time

Chapter 524 meets: first Thursday each month, 7:00 p.m.

Location: Chapter 524 Education Center/Hangar, Frederick Municipal Airport

As you enter the airport, park in the Terminal Parking lot. Walk south past the Frederick Flight School (yellow building). There are signs on the end of the second row of hangars for the Chapter. Additional information can be found on the Chapter website: https://chapters.eaa.org/eaa524

Frederick Municipal Airport 330 Aviation Way, Suite J, Box #9 Frederick, Maryland 21701

EAA 524 Chapter Website

The EAA Chapter 524 website: https://chapters.eaa.org/eaa524
The website has contact information and details about current Chapter events.

Also on the website, you can find archived newsletters and a membership join/renewal form.

Chapter Facebook Page

You can find us on Facebook at: www.facebook.com/EAA524

The Frederick Flyer

EAA Chapter 524 Membership Application

Annual dues are \$30 for individual or family membership. Fill out this form and return it with your dues to the Chapter Treasurer.

Cash or check accepted. Make check payable to *EAA Chapter 524*. Bring the form and dues to the next meeting or mail to *Ernest O'Roark, 809 London Court, Frederick, MD 21701*.

If you have a question about your membership, contact the Treasurer at 301-694-0053 or cadfael1@aol.com. These dues help support the Chapter and are not applied to the national organization.

I. Registration Information (Print please)	
Last Name First Name	<u> </u>
Member Status: New Renewal:	No Changes:
Membership Type: Individual (\$30.00)	Family (\$30.00)
Other name(s) if Family Membership	
EAA Membership Number	Member Since:
Phone Number (H) (C)	(W)
Address	
City State	Zip
E-mail Address (for receiving notices & newsletter)	
Aircraft/Projects/Interests	
II. For Official Use Only	
Status: New Renewal Individual:	Family:
Dues Paid: Check Number Cash _	Amount \$
Date Received/	Fiscal Year (Jan. – Dec.) 20
Treasurer's Initials Roster updated/_	/ Deposited//
Cut here. Keep Sectio	n III for your records
III. Member's Receipt for EAA Chapter 524 Dues	
Date paid/	Dues paid for fiscal year 20
Renewal – Individual/Family Membership Dues: \$30.0	00
New – Individual/Family Membership Dues: \$30.	00