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# News!

## November 2021

On the Web: [www.EAA80.org](http://www.EAA80.org)

Facebook: [www.facebook.com/eaa80](https://www.facebook.com/eaa80)

Twitter: [https://twitter.com/eaa\\_80](https://twitter.com/eaa_80)

## President's Corner

By Bruce Mundie



Well, if you own an open cockpit aircraft, without a heater, and the temperature drops below about 50 degrees, you need find other things to do besides flying. So it is officially Fall in Nebraska and Iowa, and the temperatures prove it. Time to tackle

improvements to you aircraft, get busy on you builds, volunteer for chapter positions, or improve your flying knowledge...EAA 80 has a set of deals for you!

Elections are set for December 13, with nominations for 8 November. Please consider running for a chapter office! Please see me (Bruce Mundie) if you have any questions.

The ABLE ACE facility in the Oak View Mall has the Zenith build well underway. The build team always needs help and they are very willing to pass along their knowledge to anyone that wants to learn. Please see Mike Howard or Bob Condrey for details.

EAA 80 hosts monthly IMC and VMC continuation training forums. This is a great way to get FAA Wings credit. Please see Jim Beyer or Benji Cunningham for details.

ABLE ACE at the Oak View Mall is a busy  
(cont.)

place! Hal Johnson is the manager but we always need folks to assist when possible. We are need of folks who can easily interact with our friends in the Omahawks, Nebraska 99s and other organizations that might want to use our space.

We have a very active chapter and that will make the winter months pass quickly! I'll see you at our November monthly meeting which will be at the Oak View Mall, in our ABLE ACE facility. The mall front doors shut at 7:00 PM, so get there a bit early, or call me at (703) 405-7817 and we can send someone to let you in.

Thanks and fly safe!

Bruce

## EAA 80 Calendar of Events

Nov 8, Chapter meeting, ABLE ACE, Ken Bahr presenting

Dec 13, Chapter meeting, Election of Officers  
Jan 29, Christmas Party, Anthony's Steakhouse



## EAA Chapter 80 Meeting Minutes October 2021

The chapter meeting was held on October 11<sup>th</sup> at Oracle Aviation and called to order at 7 PM by President Bruce Mundie.

**Guests and New Members:** One guest, Nick Francis (student pilot).

**Meeting Minutes:** The September 2021 minutes were approved as written.

**Treasurer's Report:** Steve Farner's treasurer report was provided for publication in the next Chapter newsletter. The opening balance was \$12,098.15. Chapter receipts – none. Chapter expenses were \$785.48 (ABLE/ACE mall rent, food grand opening,

signage, EAA liability insurance). The ending balance is \$11,312.67.

**Membership:** Bob Condrey reported 105 members (dropped five inactive, ten not paid). Pictures are missing for 35 members, Emails missing for two members, and EAA membership numbers missing for 20.

**Scholarship:** Patrick Stolinski updated his status. He now has ~25 hours flight time, but must slow down because he cannot get his license until he turns 17 in May of 2022.

**Tech Counselors:** Bob Condrey spoke of an article on an RV-4 concerning the need to deburr after drilling. In this instance the builder did not properly deburr after drilling for the engine mounts bolts and ended up with cracked mounts.

**Young Eagles:** Scott Pridie was not present but there is another YE event this Saturday, October 16<sup>th</sup>, 9am. The last one, weather permitting, is November 13<sup>th</sup>.

**Tools:** No change.

### Builder Reports:

- Bill Haas is working on flight controls linkages, hydraulic brackets, and gear doors on the Berkut.
- Ken Bahr clarified that he is still building a Sonex, but selling off duplicate parts he has on hand.
- Ted Drefs has installed the wings on his Zenith 750 Cruiser.
- Tom Wieduwilt demonstrated an inexpensive CB fuse block he made.

**Builder Meeting:** Bill Haas is having a meeting at his hangar for the Berkut on October 23<sup>rd</sup> at 10am. He is at Eppley (cont.)

airport, hangar B19. Cars should park at Signature and then call him for a ride to the hangar. If flying in, park at Suburban Air Freight and call him for a ride.

**Chapter Build:** Mike Howard reports the EAA Zenith 750 has the wings closed up, he has bought electrical parts for the plane, and is installing the engine mount. Bob

Condrey welcomes more people to participate in the build, which is each Tuesday and Thursday from 1-5pm (and some other times as well).

**Fly-outs:** Mike Howard had a flyout to Cherokee IA last weekend with five aircraft and pilots. He is anticipating a flyout to Stearman Field in Wichita the last weekend of October or possibly the first weekend in November.

**Social Coordinator:** Ed Kirker reported the holiday party is January 29<sup>th</sup> at Anthony's and will be approximately \$30. Prime rib, chicken, or salmon will be offered.

**VP:** Bob Dyer is looking for a speaker for the next meeting.

#### **PRESIDENT:**

- Bruce had the 10-year plan future hangar proposal drafted by a friend architect. In November or December he hopes to present the proposal concept to the Omaha airport authorities.
- There will not be a January meeting (holiday party instead).
- As last year, the chapter will subsidize the holiday party meal to keep the cost to around \$30. This motion was approved.
- Elections will be held at the December meeting. Bob Condrey wishes to resign from the Membership office. Contact Bruce if interested in this position.

#### **Calendar:**

- ◆ Nov 8, Chapter meeting, Oracle Aviation, Millard airport
- ◆ Dec 13, Chapter meeting, Oracle Aviation, Election of Officers

**Old Business:** See president notes on 10-year plan

#### **New Business:**

- There will be a Trick-or-Treat handout funded by the EAA chapter at our ABLE/ACE mall location on October 29<sup>th</sup>. Bruce Mundie and Bob Condrey will be doing the handouts.

**Announcements:** Jim Beyer has been active setting up the IMC and VMC club meetings. The IMC club will meet at the

OakView Mall the Thursday after our monthly meeting. The VMC club meeting is on the alternate month Tuesdays after our meetings at the Council Bluffs airport.

**Raffle Drawing:** No raffle drawing

**Presentation:** Dave Greer provided information on his involvement as a crew member on the first Desert Storm mission of the war, referred to as Secret Squirrel by the crew. The formal code name was "Senior Surprise". This utilized seven B52's at Barksdale AFB, originally equipped with nuclear weapons, but loaded instead with conventional ALCMs externally. Each aircraft was loaded with up to six CALCMs and required the crew to fly to Iraq and return nonstop. The seven aircraft ended up using 38 refueling tankers and all seven aircraft successfully accomplished the mission on the roughly 35 hour flight. One aircraft ended up flying the mission with one engine shut down after takeoff. All identified targets were successfully struck.

**Next Meeting:** The next meeting is November 8<sup>th</sup> at ABLE ACE *[edited from Oracle]*, at 7pm. Arrive prior to 7 PM as the front doors lock at 7PM.

## **Monthly Funny**







patina on the float shows no sign of any markings. The Viton tip in the needle valve was fully intact with no debris or damage to hold it open. There was a little water in the bottom of the float bowl. The mystery persists.

Key items to perhaps learn from at this point:

- Keep the engine running, whatever it takes;
- Turn as soon as practicable to nearest landing facility;
- Declare emergency to anyone that is appropriate;
- Fly the plane, first;

Only play with power after you have the field made;

- Do not troubleshoot in the air. Plenty of time, after on the ground, safely.

How would you have handled the emergency?



The other incident involves two flying machines, an RV-6 and a BBB (big black bird). The plane was flying to a nearby airfield for lunch. After a crosswind entry to the traffic pattern, the RV turned downwind at 1000' AGL. It was #2 in a formation of RVs, and at about 120 KIAS all of a sudden, a large flock of birds appeared in front of the plane. They were slightly above the planes, and when startled, folded their wings and dropped like stones. The RV-6 hit one with the prop, which seems to have slung the bird into the upper right fuselage right at the back edge of the cowl and firewall. The impact crushed the fuselage skin and buckled the firewall crushing it in about four inches. The impact tore out the rivets between the stainless steel firewall and the aluminum boot cowl that extends from the firewall back to and under the canopy. This gap allowed about half the bird to penetrate the plane, mostly splattering on the backside of avionics on the right side

of the instrument panel. Two bird outlets were found behind the copilot rudder pedals. Bird debris covered the windscreen, so the pilot could not see out ahead, making the landing even more challenging.



A superficial clean-up and copious amounts of Gorilla tape sealed the hole and allowed the plane to ferry back home. A detailed clean-up taking several days removed all the bird debris from inside the plane and allowed assessment for repair.

It was found that the 301 stainless steel firewall was fairly easy to pound out flat, using a flush riveting tool and a large bucking bar. The crushed boot cowl was another matter. It was easiest to cut it out and fabricate a flush patch for the area. This was much easier than replacing the entire original panel which would have involved disbonding the canopy and then rebonding it to the new skin, a huge job and potentially risky to the canopy.



(cont.)



Other than the messy clean-up and repair, the incident did not put the plane at risk of crashing. However, if the plane had been about 9" lower in the sky, the bird probably would have come through the canopy, with potentially disastrous results to the copilot, and maybe even the pilot if the canopy shattered. What would you have done? How would you have handled the emergency?

manager at least reviews all possible outcomes of a decision in his mind so that he is not surprised if something happens. I think this applies doubly to flying airplanes. Try to learn by looking at various incidents and don't be surprised if something happens to you. Keep (calmly) building, flying and maintaining.

Dick 10/2021

I hope this little discussion of two light plane incidents is helpful to you. They say a good

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#### FAA 80 MONTHLY TREASURER REPORT

Oct-21

##### Checking

Opening Balance	\$15,162.67
<b>DEPOSITS</b>	
Deposit Dues	\$225.00
<b>EXPENSES</b>	
Rent ABLE/ACE	\$150.00
Cleaning Supplies ABLE/ACE	\$230.52
Food Drink	\$11.96
<b>Ending Balance</b>	<b>\$14,995.19</b>

##### Asset Accounting

Date	Item	Value	Date	Item	Value
6/17/2020	T-Shirts	\$125.00	5/22/2020	Zenith 750 Proj.	TBD
7/13/2020		\$100.00			
8/10/2020		\$25.00			
<b>Total</b>		<b>\$250.00</b>			



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## Photos



Left: Bill Haas' Berkut project

Below: Bob & Ben Gilbert's RV-10 project



Below: Bob Dyer handing out treats at ABLE ACE



Above, left, right:  
Getting the  
Corvair engine  
hung on the  
Chapter Zenith.





## Young Eagles Photos





# Upcoming Webinars

## [Building a Canard Aircraft](#)

Homebuilders Webinar Series  
11/2/21, 7 p.m. CST  
Mike Beasley

## [How Hot is Too Hot?](#)

Qualifies for FAA WINGS and AMT credit.  
11/3/21, 7 p.m. CST  
Mike Busch

## [The Autogyro](#)

Museum Webinar Series  
11/9/21, 7 p.m. CST  
Chris Henry and Ben Page

## [Where's My Oil Pressure? A Case of Maintenance-Induced Failure](#)

Qualifies for FAA WINGS and AMT credit.  
11/10/21, 7 p.m. CST  
Prof. H. Paul Shuch

## [Young Eagles Digital Signature App](#)

11/17/21, 12 p.m. CST  
David Leiting and Charlie Becker

## [Bravo Buster: Adventures In and Around the National Airspace System](#)

Qualifies for FAA WINGS credit.  
11/17/21, 7 p.m. CST  
Laura Herrmann

## [Special SOLIDWORKS Offer For EAA Members](#)

Qualifies for FAA WINGS and AMT credit.  
11/23/21, 7 p.m. CST  
Brian Hillner and John Martorano III

## [Prop Overhauls](#)

Qualifies for FAA WINGS and AMT credit.  
12/1/21, 7 p.m. CST  
Mike Busch

## [EAA Ray Aviation Scholarship – 2022 Update](#)

12/2/21, 7 p.m. CST  
Chris Gauger

## [The Truth About Stalls](#)

Qualifies for FAA WINGS credit.  
12/8/21, 7 p.m. CST  
Tom Turner

## [The History of EAA's B-25](#)

Museum Webinar Series  
12/14/21, 7 p.m. CST  
Chris Henry and Ben Page

## [Homebuilt Biplane Roundup](#)

Homebuilders Webinar Series  
12/7/21, 7 p.m. CDT  
Budd Davisson

## [Flying Clubs – Growing Participation in Aviation](#)

12/15/21, 7 p.m. CST  
Timm Bogenhagen

## [Young Eagles Coordinator Orientation](#)

1/18/22, 7 p.m. CST  
David Leiting

These are the current webinars listed on [eaa.org](http://eaa.org). Please check the site at: [www.eaa.org/en/eaa/news-and-publications/eaa-webinars](http://www.eaa.org/en/eaa/news-and-publications/eaa-webinars) to see if there are other webinars available.

*EAA Chapter 80 is classified as a Non-Profit Charitable Organization per section 501(c)3 of the Internal Revenue Code. As a result, we are eligible to receive tax-deductible contributions in accordance with Code section 170.*

*Your contributions will go towards such things as:*

- ✓ Aviation scholarships
- ✓ Scholarships to send kids to EAA's Air Academy in Oshkosh, Wisconsin
- ✓ Helping promote Young Eagles events and rallies for the community
- ✓ Many other events that promote aviation in the Eastern Nebraska and Western Iowa region.

*EAA 80 is a 100% volunteer organization, there are no paid members to the staff. Our only funding comes from chapter dues and occasional fund raising.*

*Please visit our website [eaa80.org](http://eaa80.org) or contact an office to inquire about making a tax free donation.*

Mail checks to:  
 Bob Condrey  
 1105 Kountze Memorial Dr.  
 Bellevue, NE 68005

## EAA CHAPTER 80

### 2021 APPLICATION FORM

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 www.facebook.com/ea80  
 Twitter: @EAA\_80

CONTACT INFORMATION										
NAME						EAA NUMBER				
ADDRESS										
CITY, ST, ZIP										
SPOUSE NAME										
HOME PHONE					CELL PHONE					
E-MAIL ADDRESS										
PROFESSION							RETIRED			

  

MEMBERSHIP PROFILE										
OWNED ACFT						N-NUMBER				
ACFT BUILDER			TYPE:				COMPLETE %			
PILOT LICENSE										
AIRPORT BASE			HANGAR #							
EMAIL GROUPS	FLY-OUT				BUILDERS			YOUNG EAGLES		
PUBLISH INFORMATION IN CHAPTER DIRECTORY					HAVE A NAME TAG			YEAR JOINED CHAPTER 80		
YOUNG EAGLE VOLUNTEER			YOUTH PROTECTION TRAINING CURRENT							

  

OFFICE USE: (DUES \$25 PER YEAR)											
2021			2022			2023			2024		
PAYMENT	TYPE				AMOUNT				DATE		

Last updated: 1/3/2020